

FIG. 1 is a schematic diagram of a system for monitoring and controlling a process. The system includes a computer 10, a sensor 12, a controller 26, and a valve 28. The sensor 12 is connected to the computer 10, which is connected to the controller 26. The controller 26 is connected to the valve 28. The valve 28 is connected to a process 34. The process 34 is a tank containing a liquid. The sensor 12 is a probe that measures the level of the liquid in the tank. The controller 26 is a microcontroller that receives data from the sensor 12 and controls the valve 28. The valve 28 is a solenoid valve that opens and closes the flow of liquid into the tank. The process 34 is a chemical process that involves the reaction of two liquids. The sensor 12 is a capacitance sensor that measures the level of the liquid in the tank. The controller 26 is a microcontroller that receives data from the sensor 12 and controls the valve 28. The valve 28 is a solenoid valve that opens and closes the flow of liquid into the tank. The process 34 is a chemical process that involves the reaction of two liquids.

Fig. 1

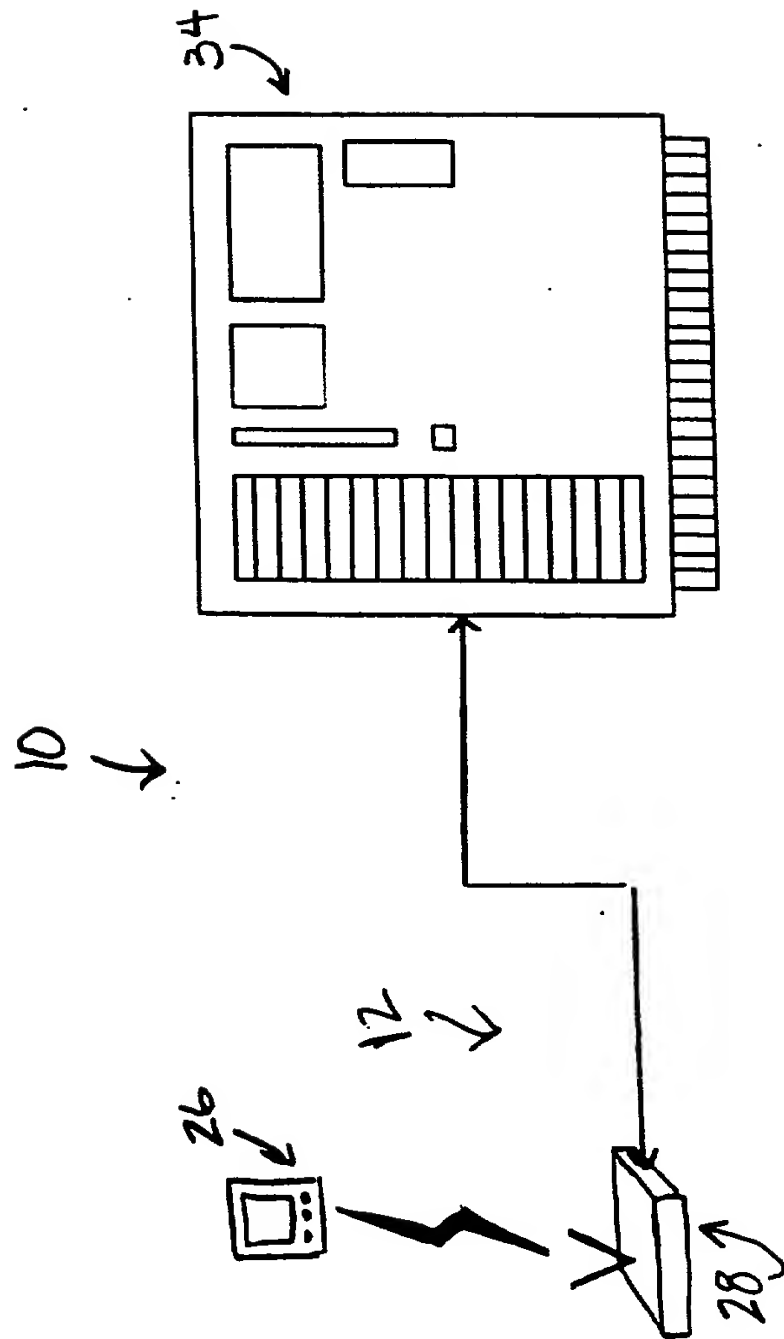


Fig. 2

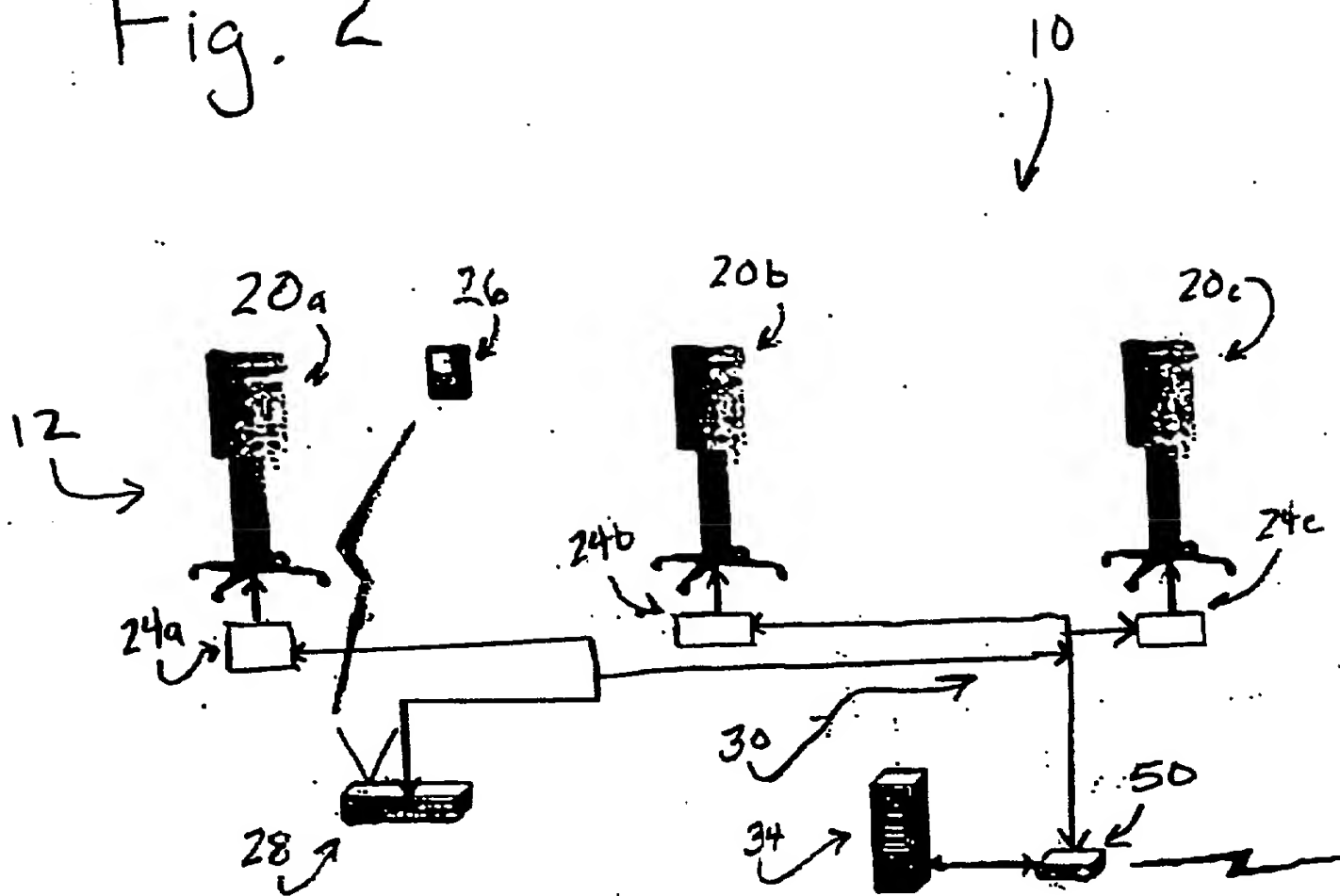


Fig. 3

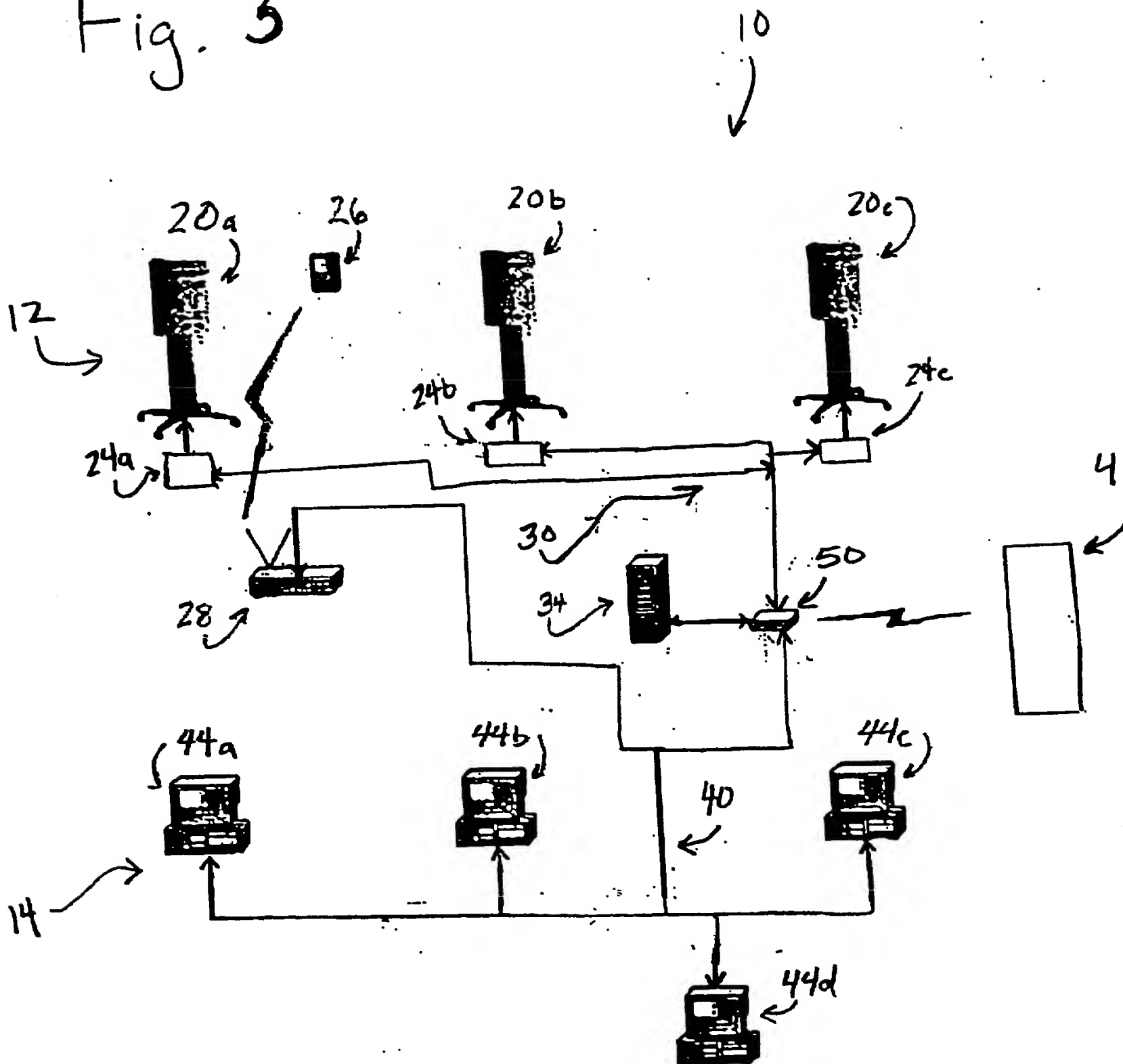


Fig. 4

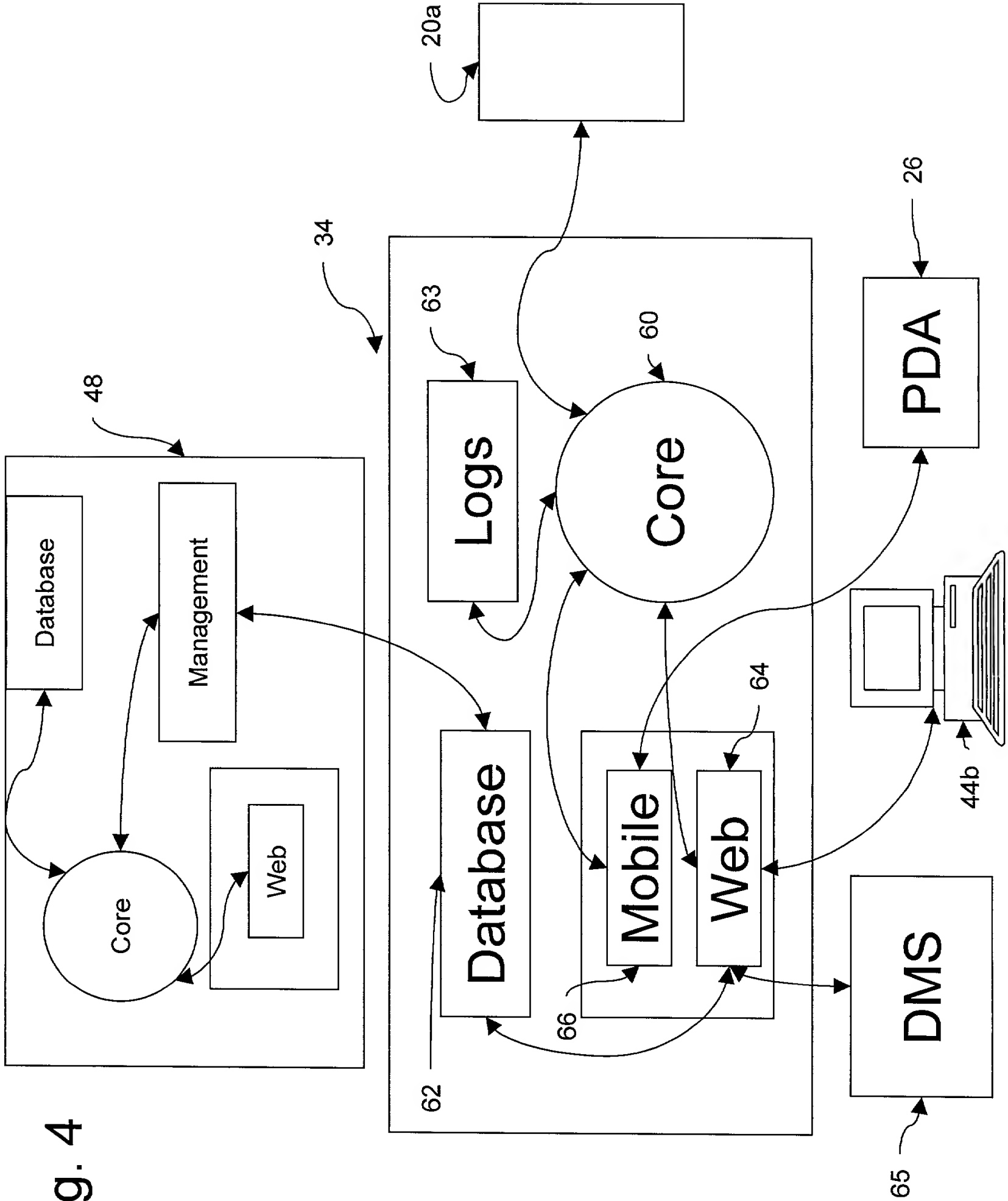
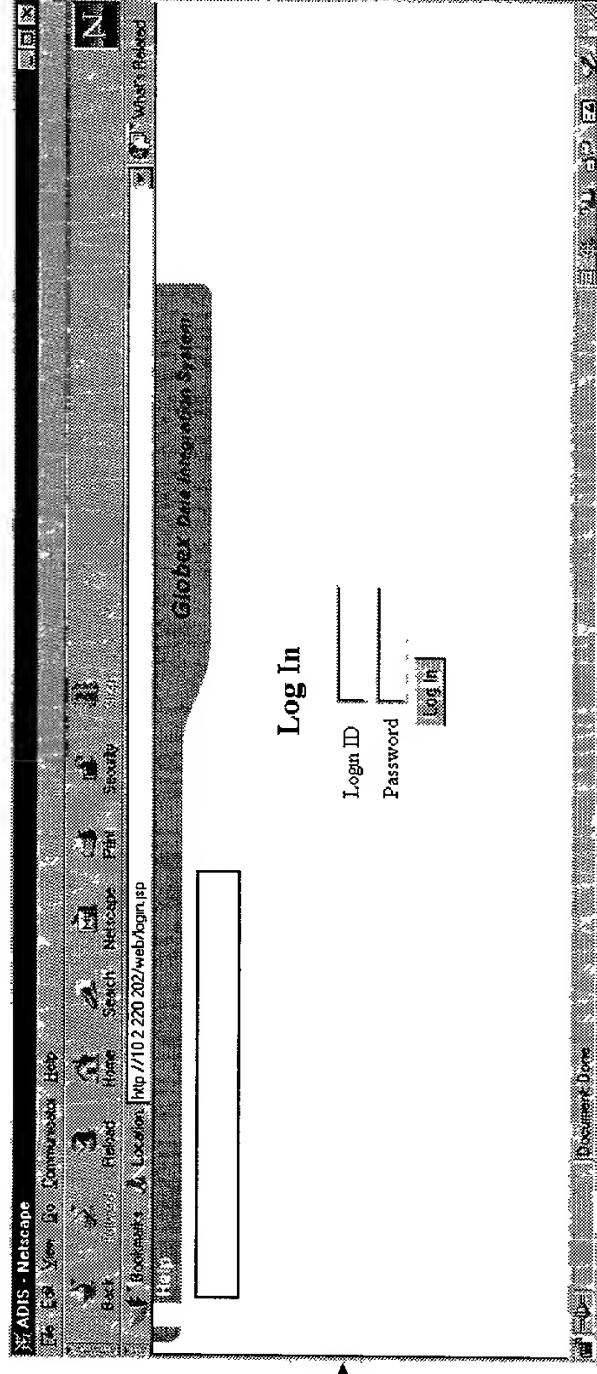


Fig. 5



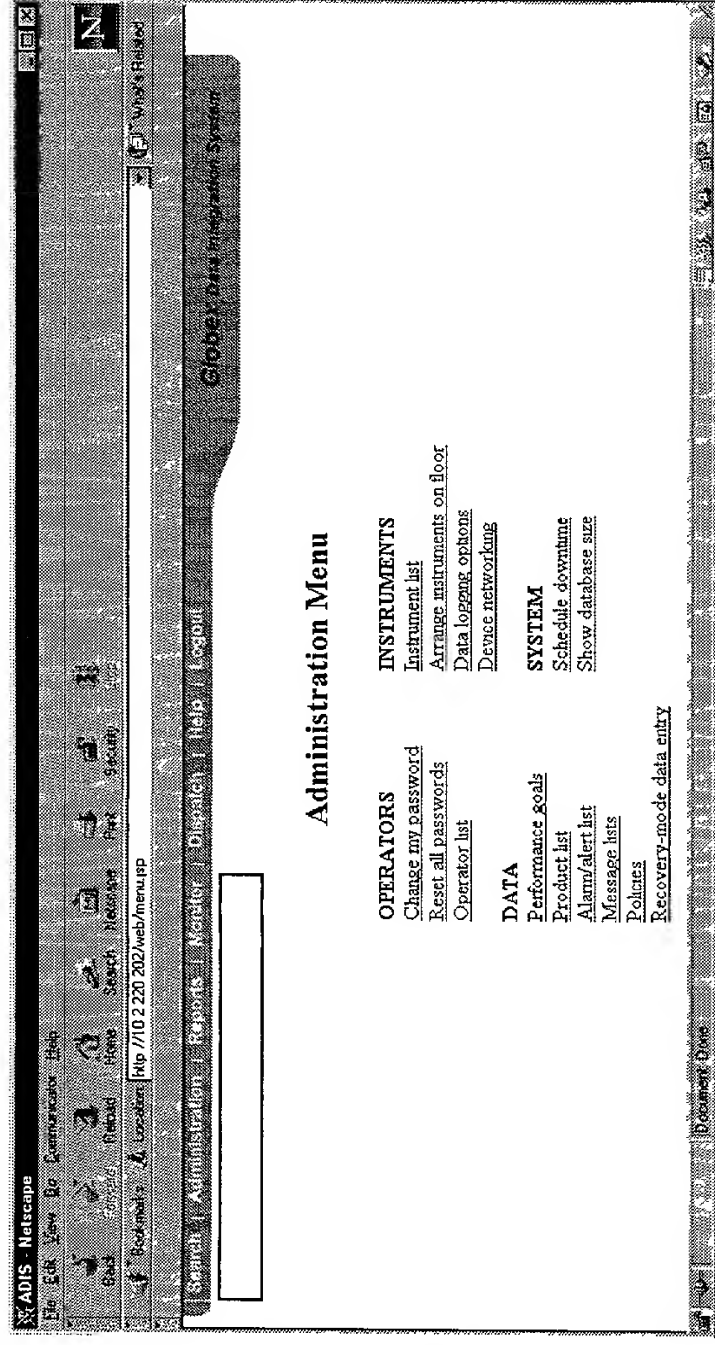
90

Fig. 6



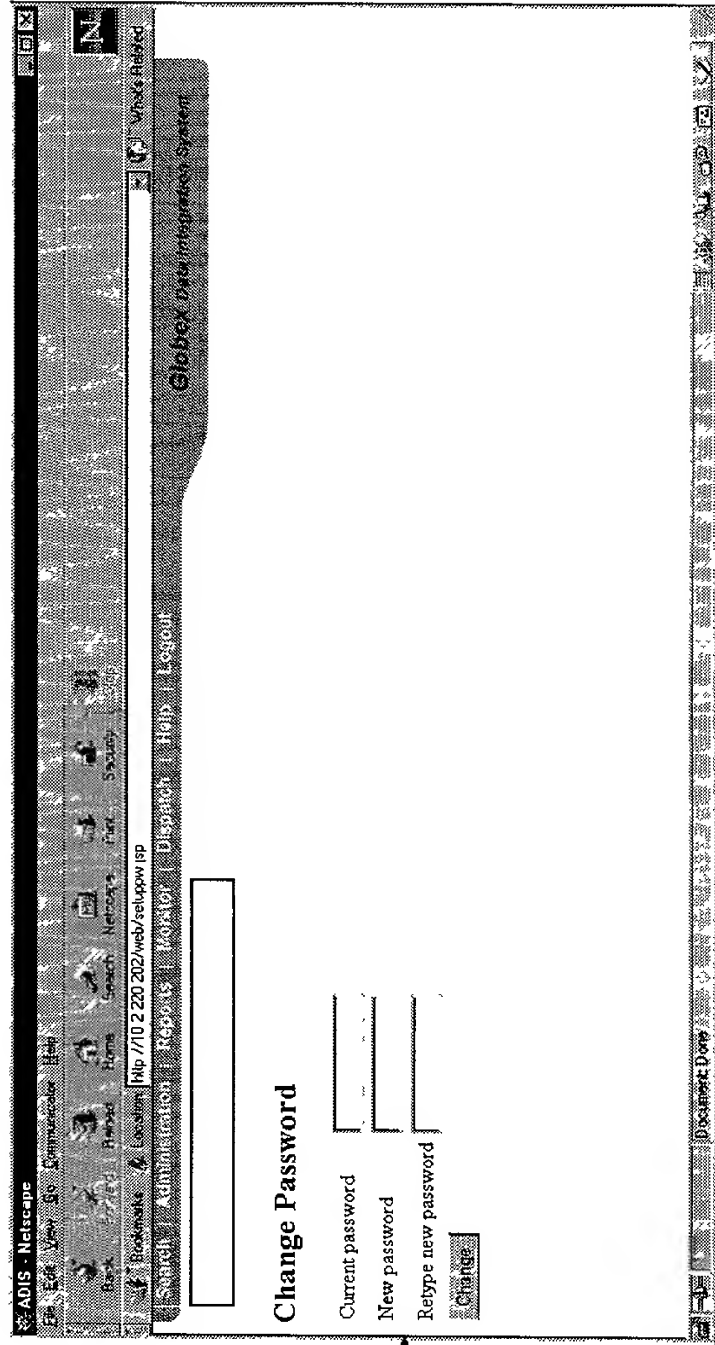
92

Fig. 7



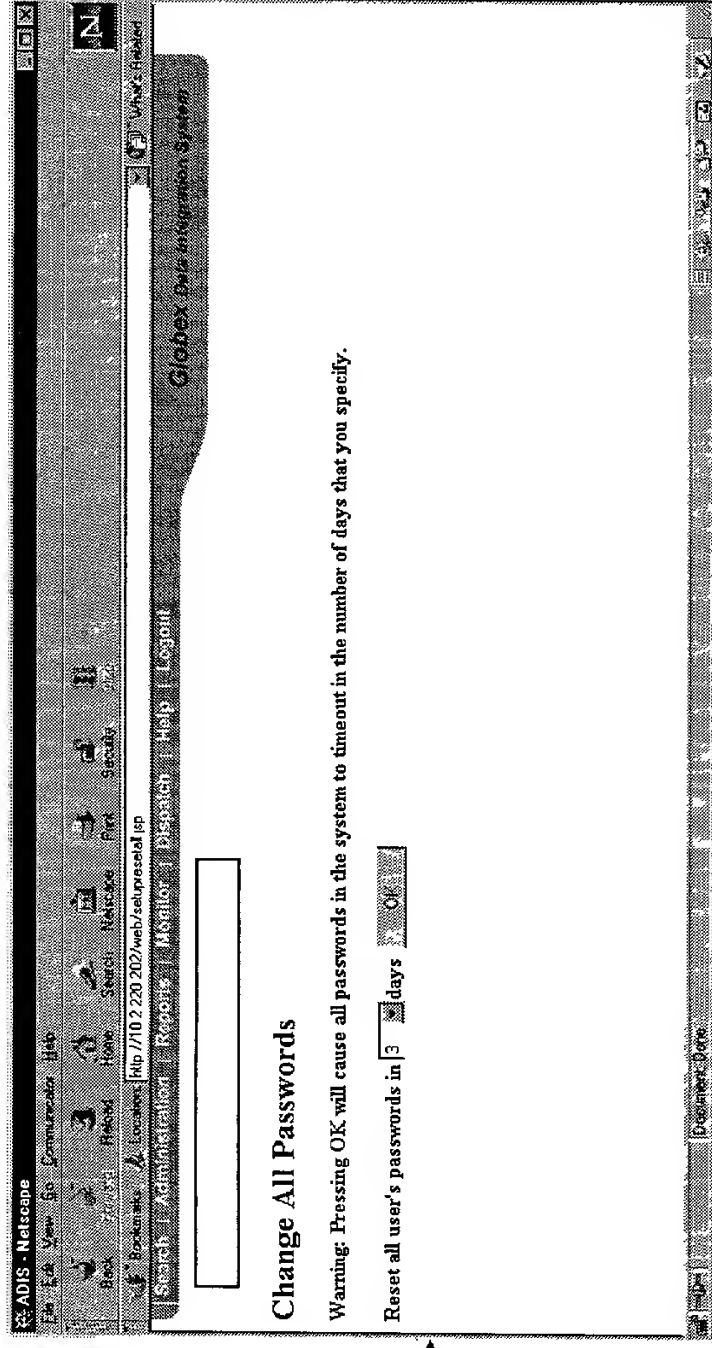
100

Fig. 8



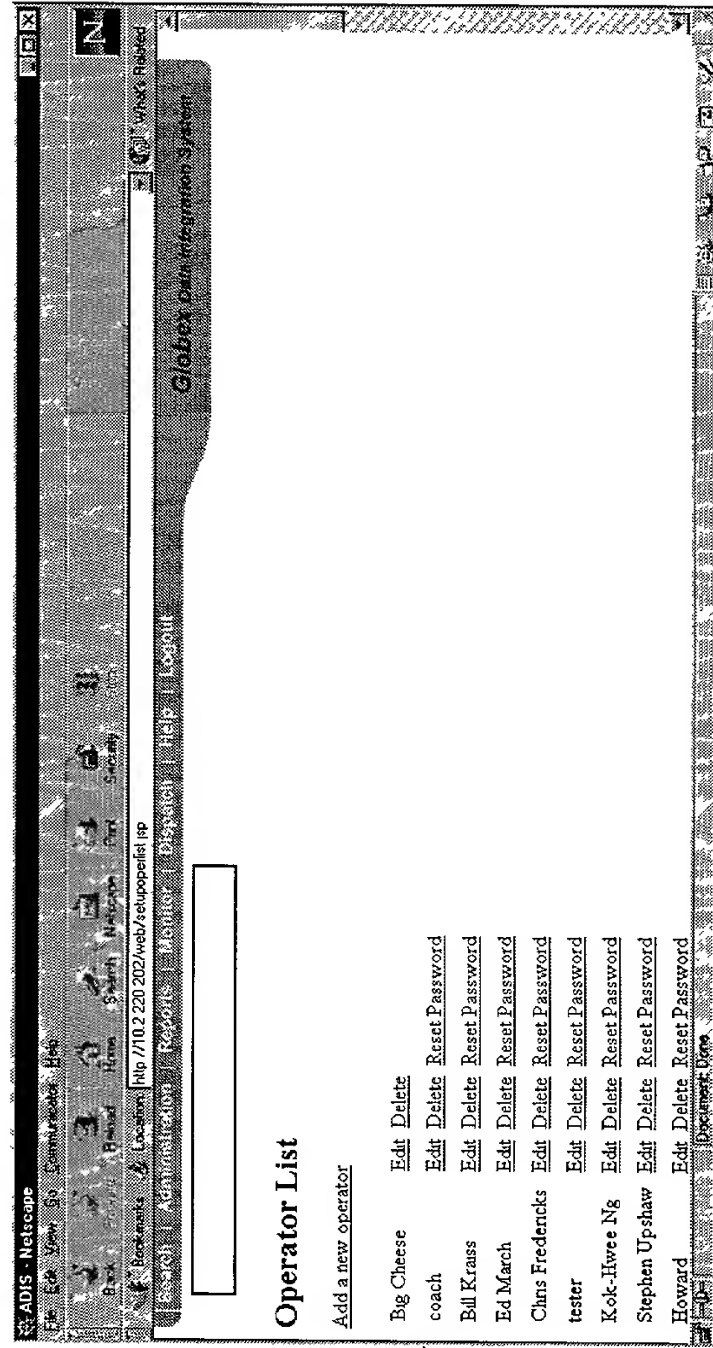
101

Fig. 9



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Fig. 10



104

Fig. 11

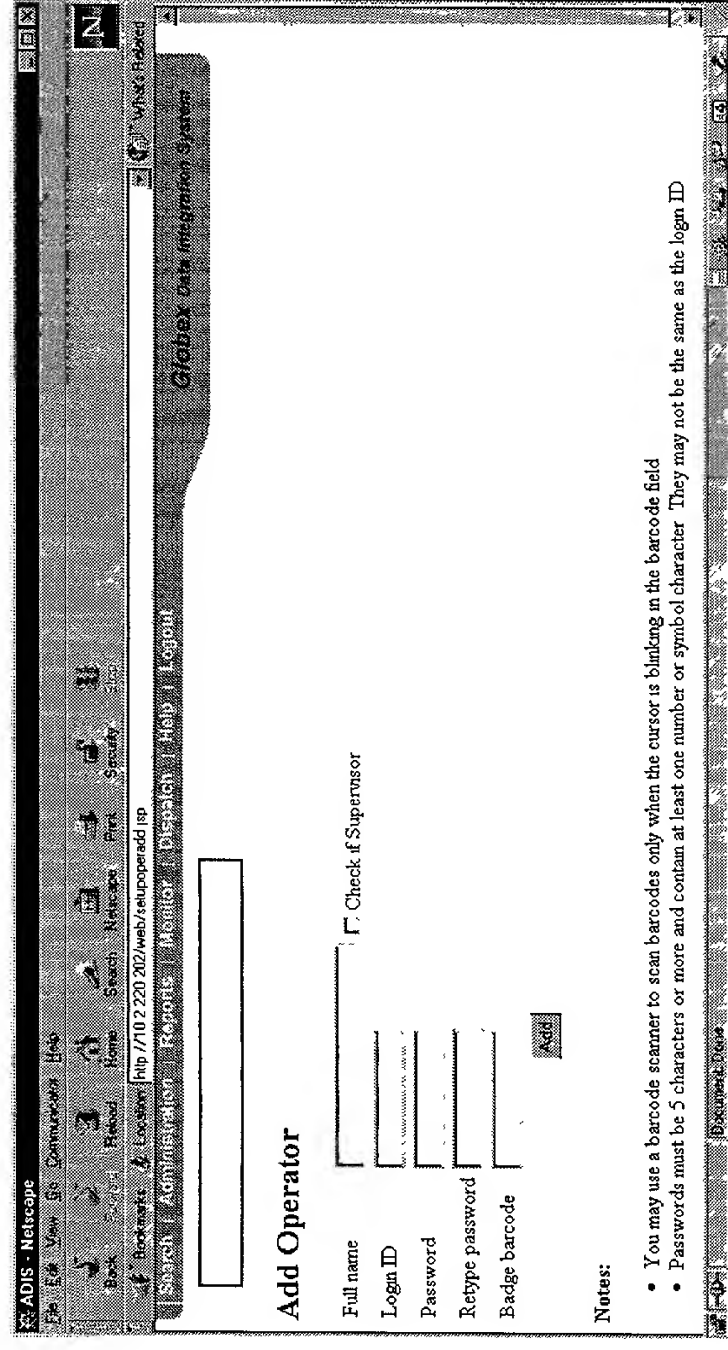


Fig. 12

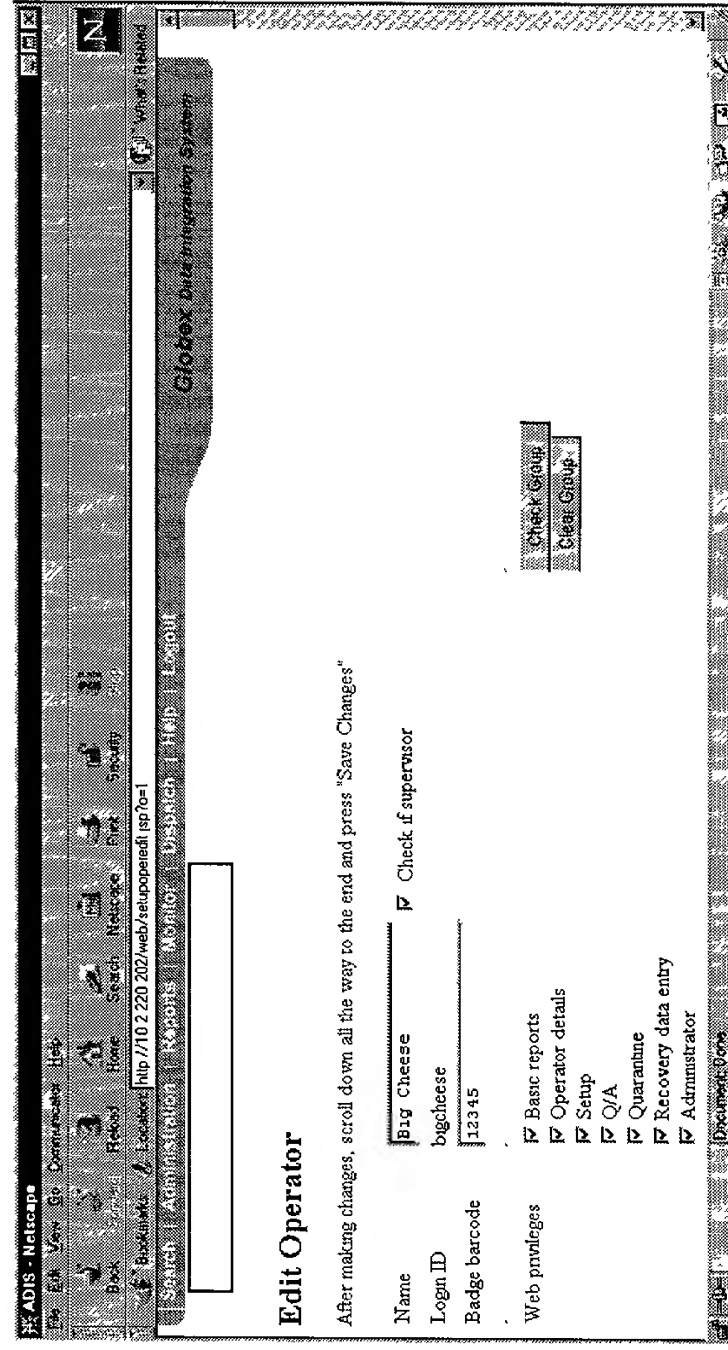


Fig. 13

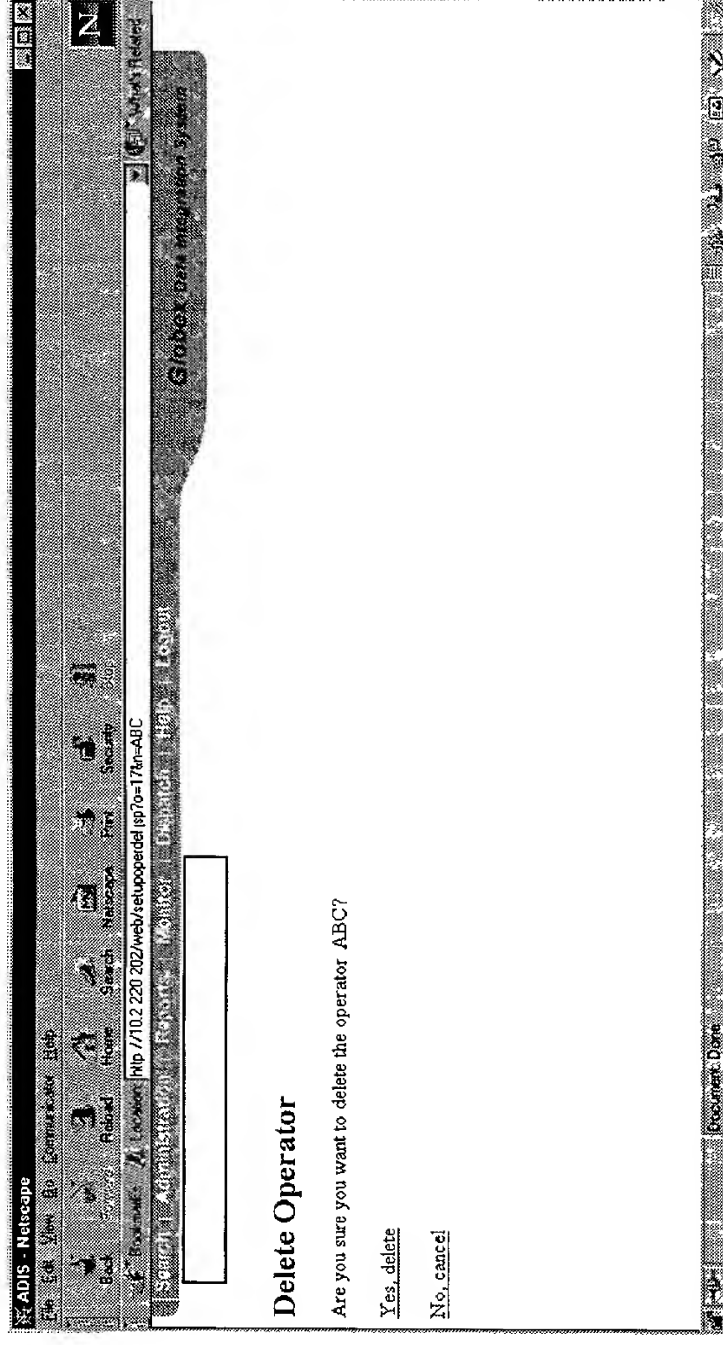


Fig. 14

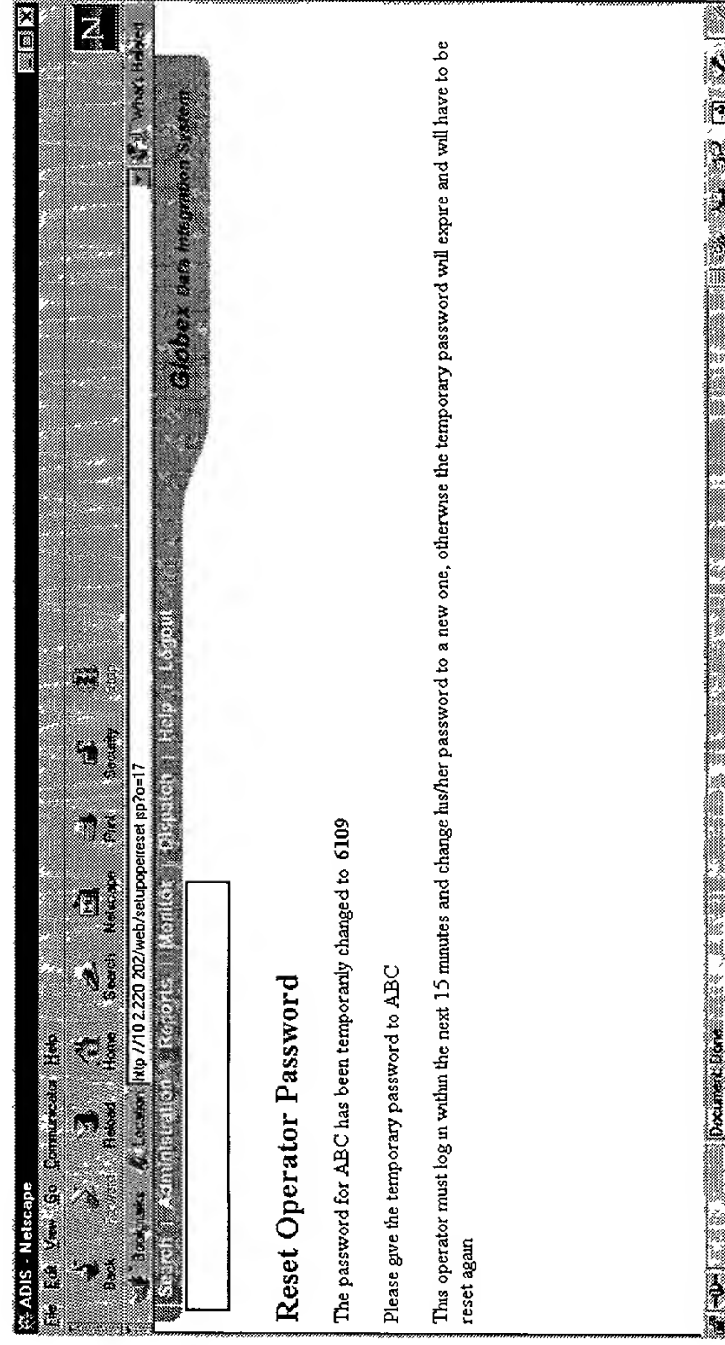
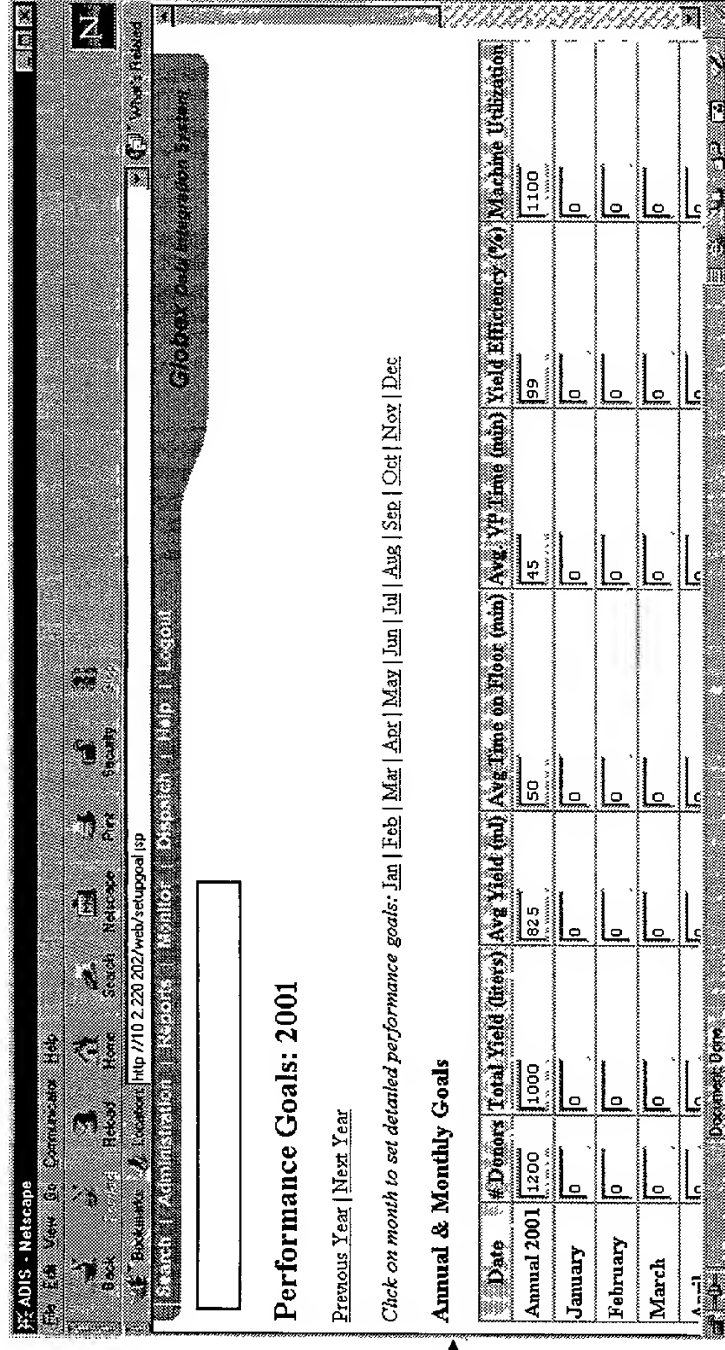
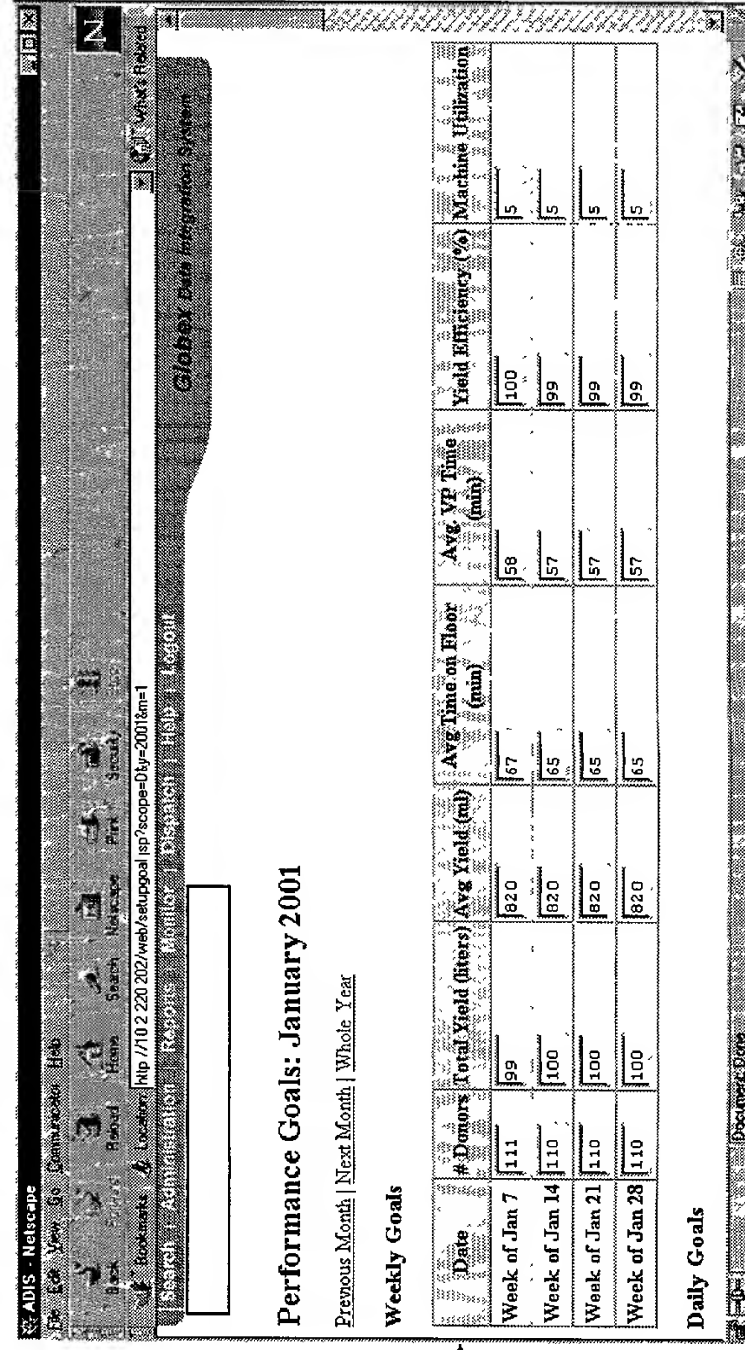


Fig. 15



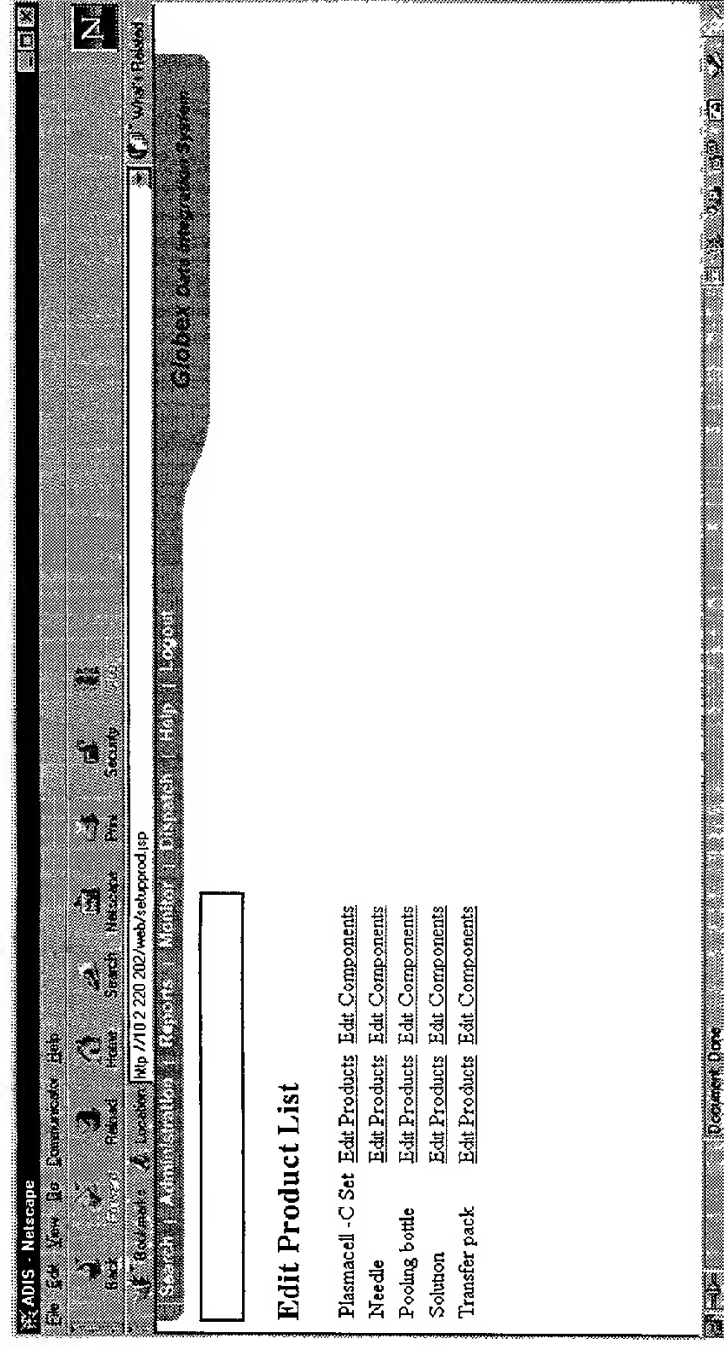
108

Fig. 16



108

Fig. 17



112

Fig. 18

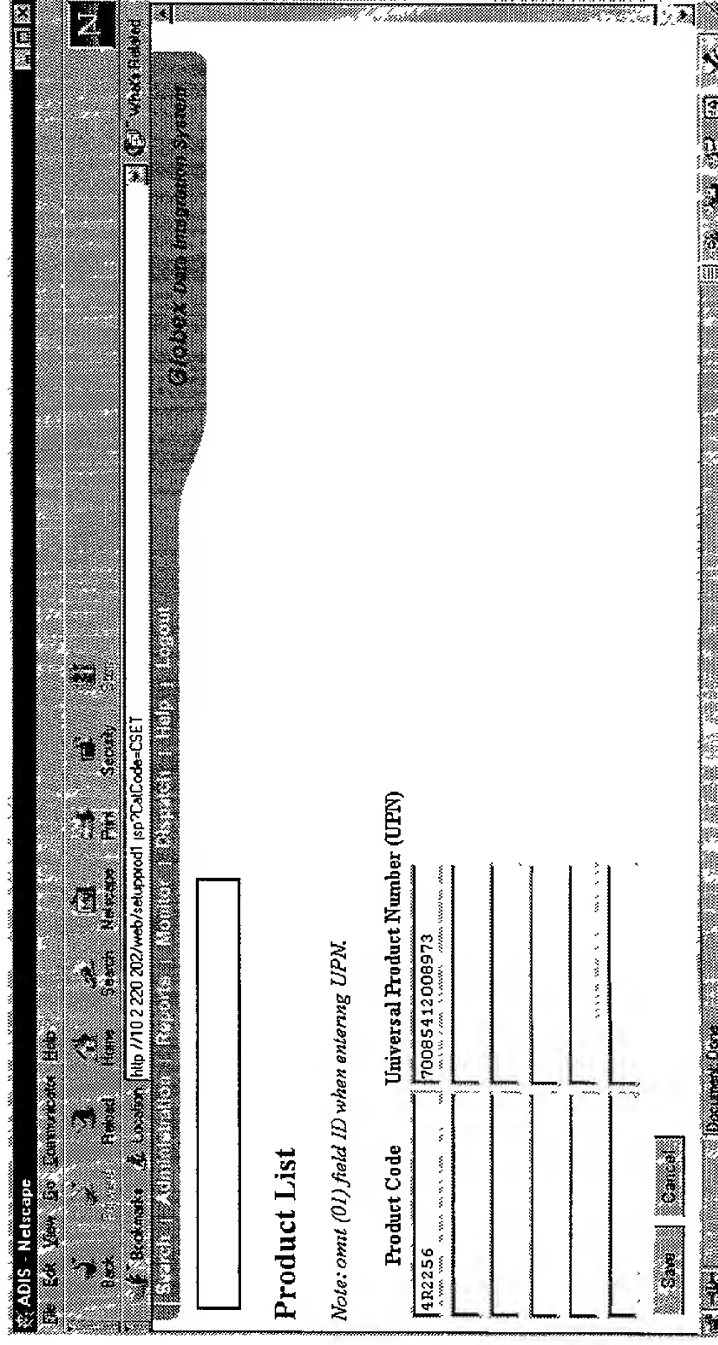


Fig. 19

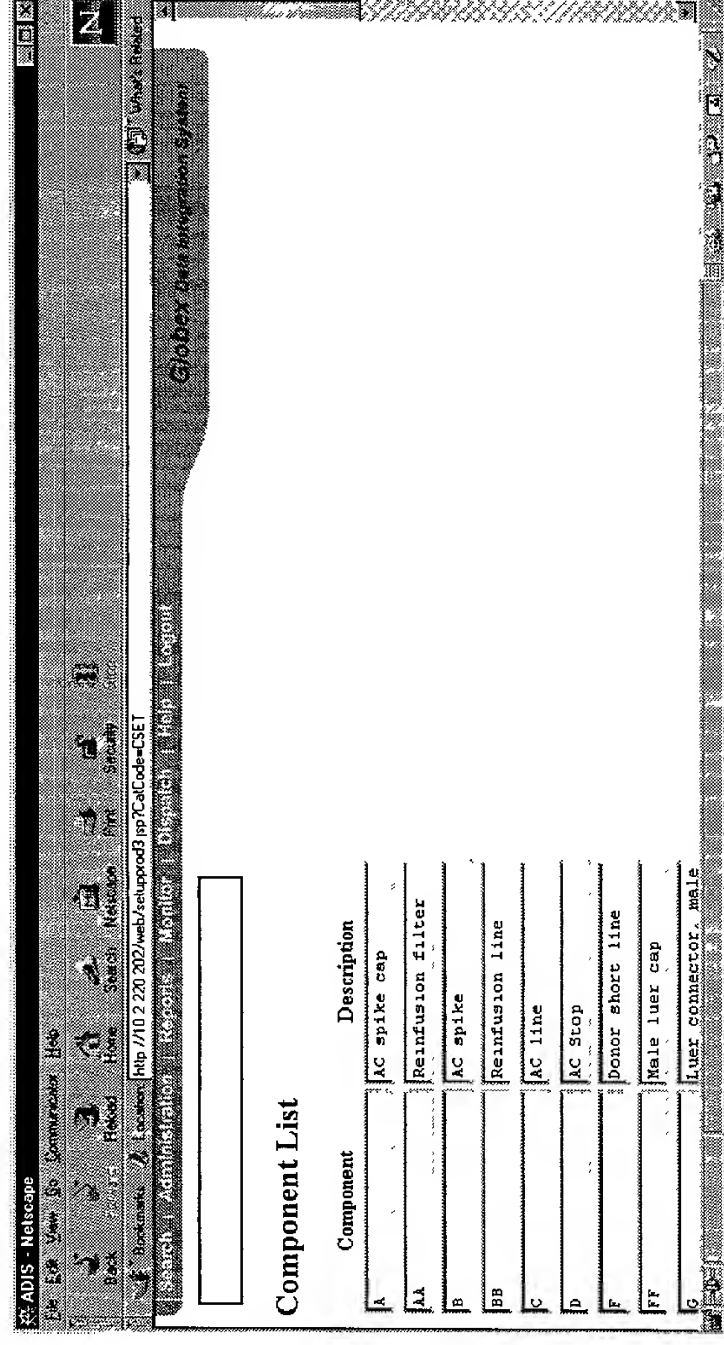
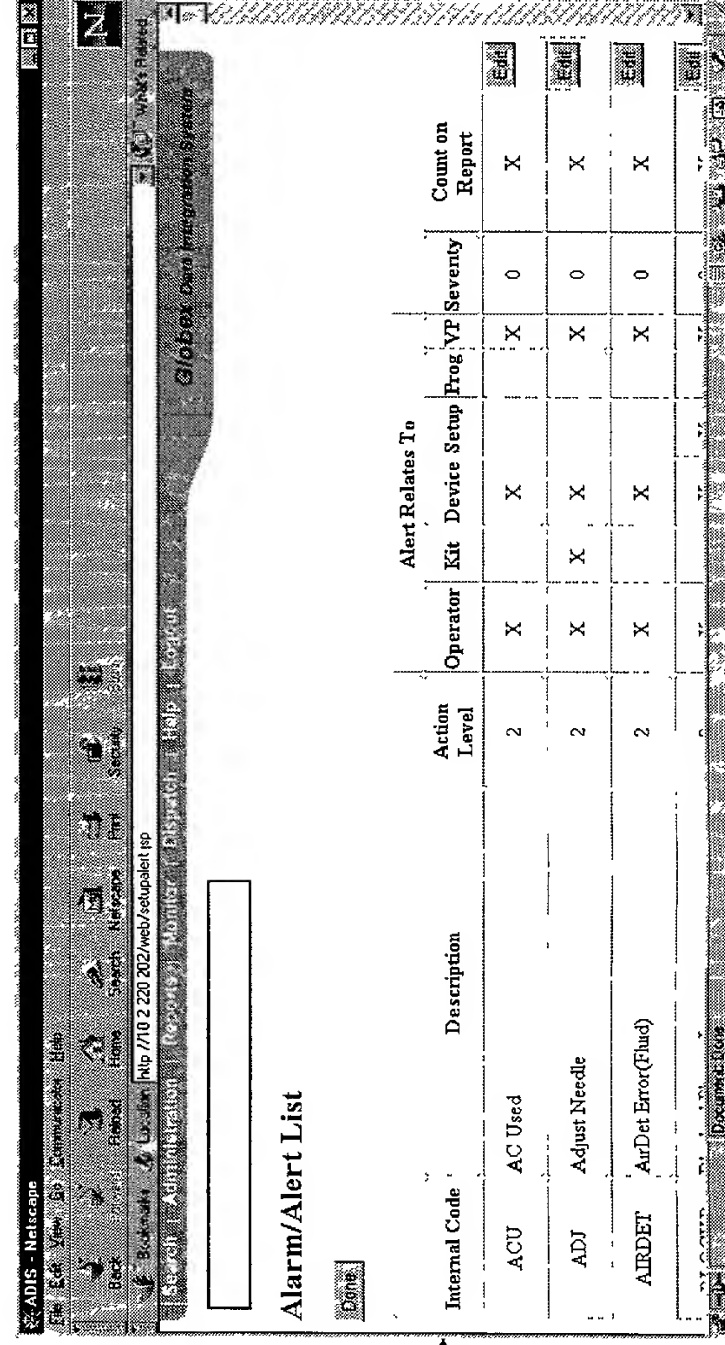


Fig. 20



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Fig. 21

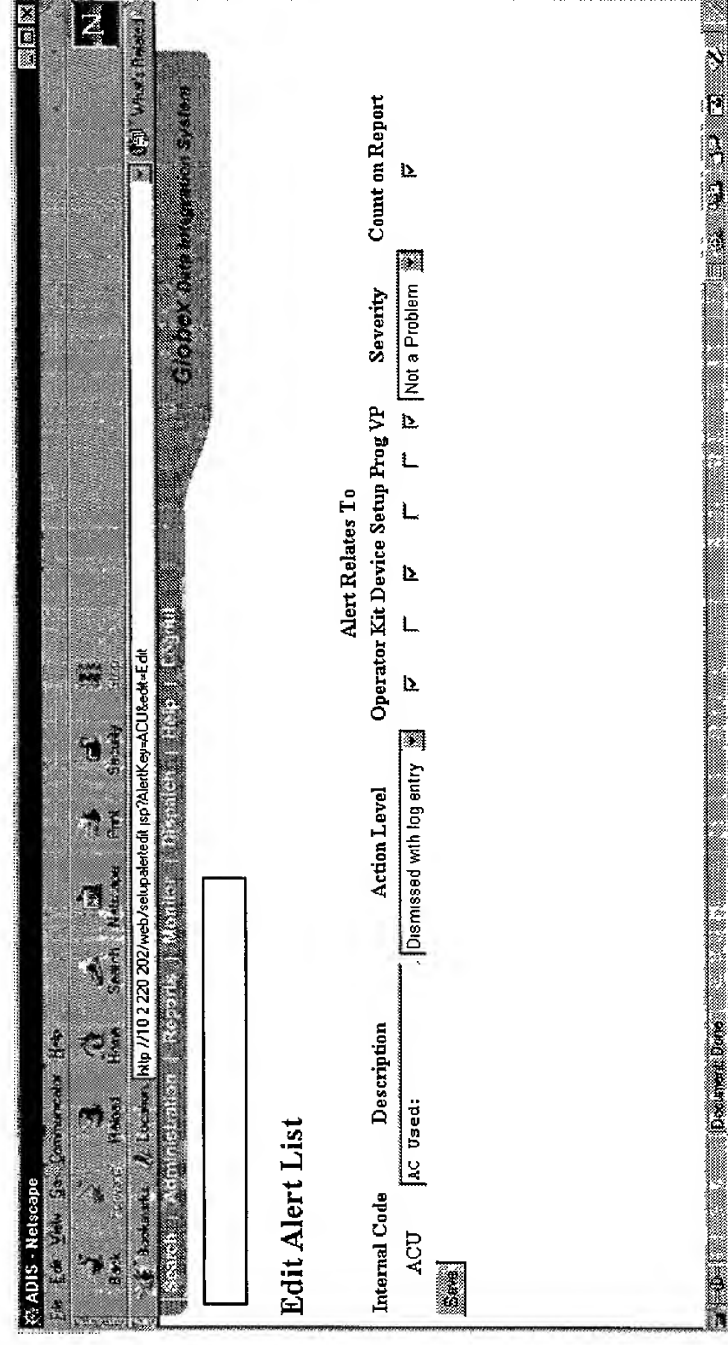
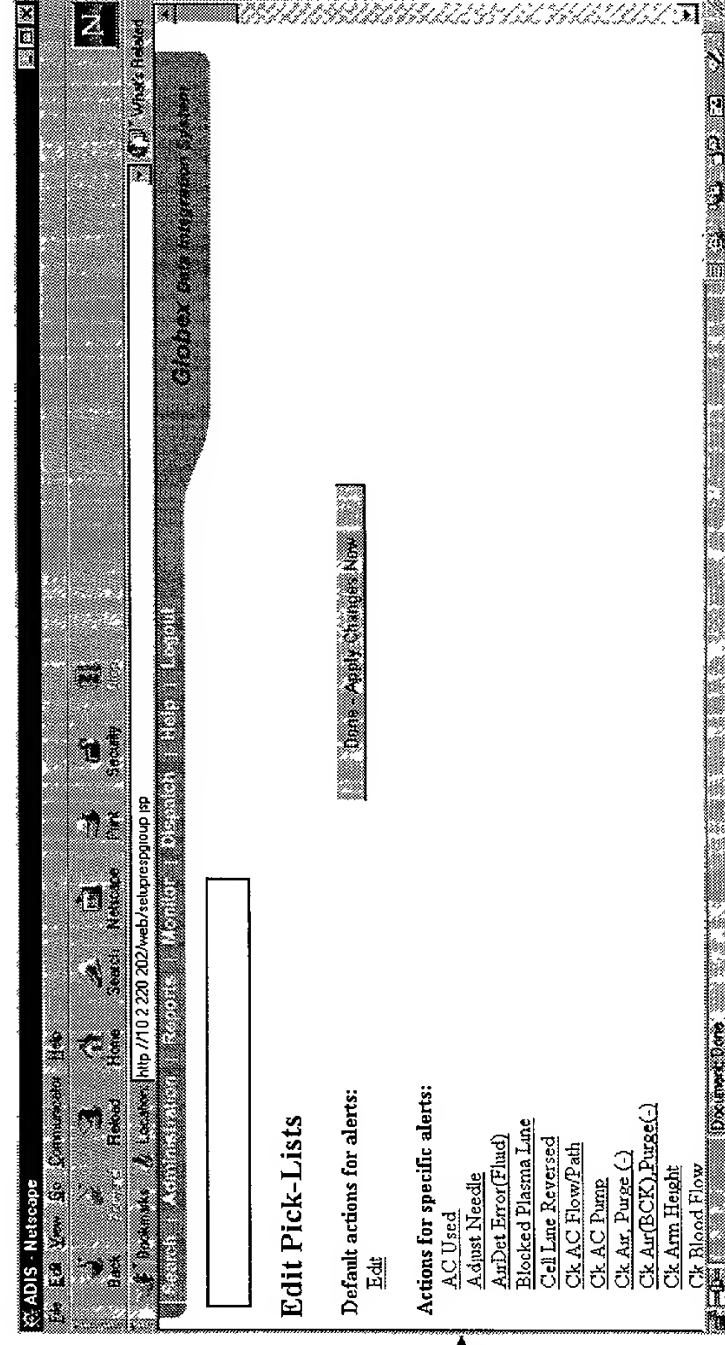


Fig. 22



120

Fig. 23

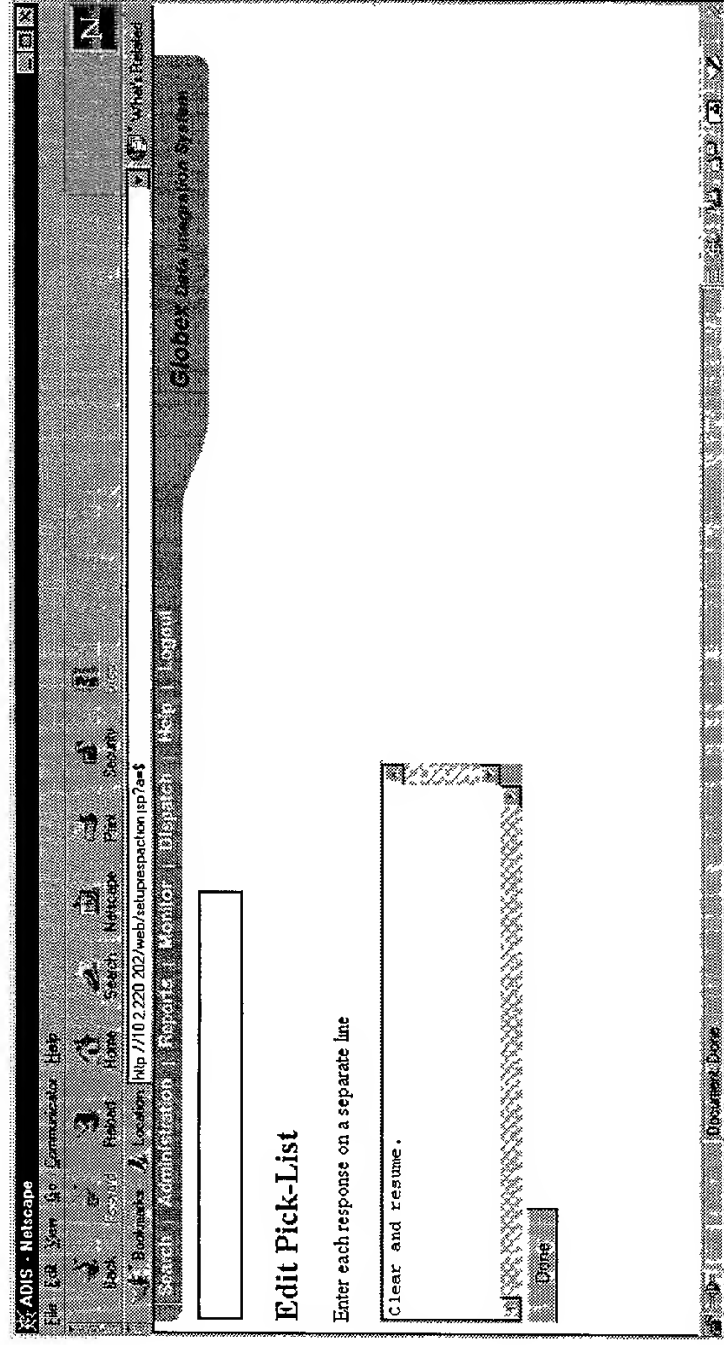


Fig. 24a

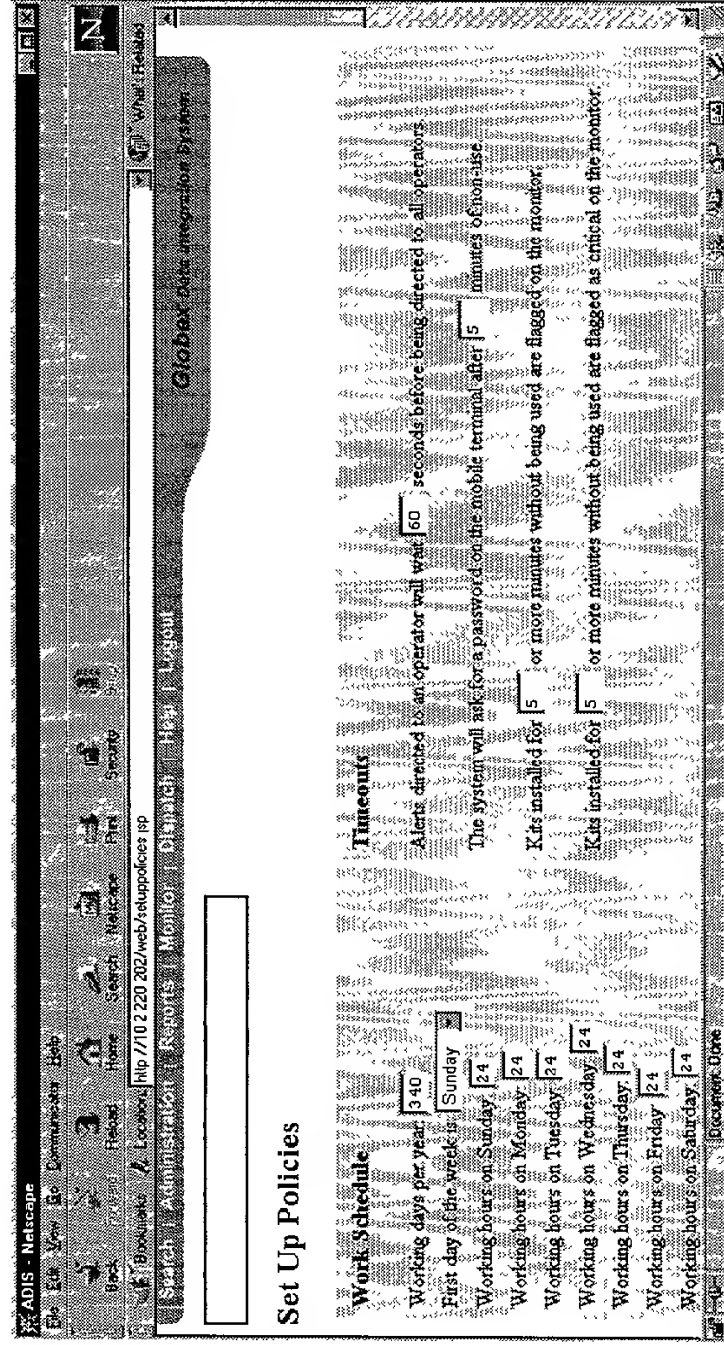


Fig. 24b

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ADIS - Netscape
File Edit View Go Favorites Help
http://10.2.220.202/web/setup/policies.jsp

Plasma Volume
A UON (overdraw) is defined as drawing % over the target, or more.
A UUN (underdraw) is defined as drawing % under the target, or less.
A No-fake is defined as drawing ml or less.

Exception
Check off which occurrences are defined as procedure exceptions:
☒ Procedure termination
☒ Second Vp
☒ Cell loss
☒ Donor transition
☒ Overunderdraw
☒ Normogram programming error
☒ "Other" type log entry

Instrument Calibration
Setting
Actual weight g
Measured weight must be at least g
Measured weight must be no more than g
Smaller weight g
Larger weight g
 g
 g

Instrument Service
Instruments must be serviced at least every days

Miscellaneous Options
☒ When receiving lots, ask if directions for use are on file
☒ When receiving lots, ask if sterilization certificate is on file

Barcodes
Barcodes of type UCC/EAN 128 include "field ID's", which are 24 digit numbers identifying the contents of the barcode. If you use these types of barcodes, enter the field ID's, otherwise leave these blank.
Field ID's for donors:
Field ID's for bleeds:

Document Data

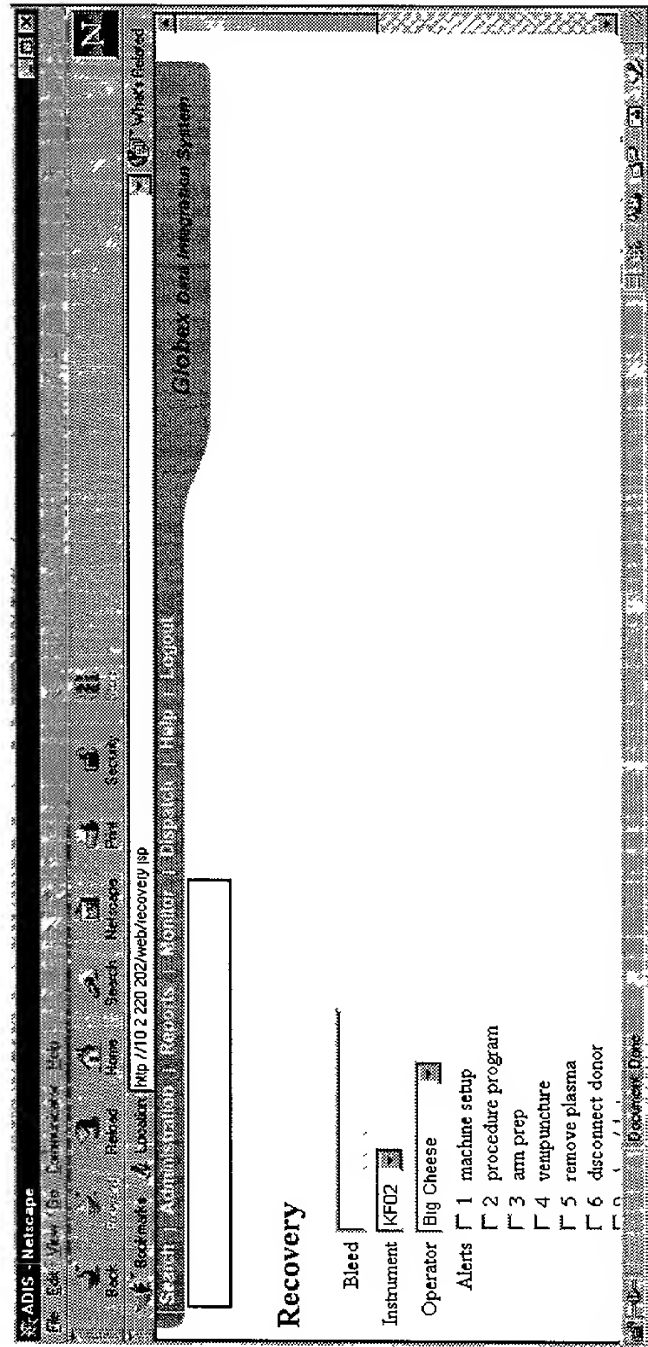


Fig. 25

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Fig. 26

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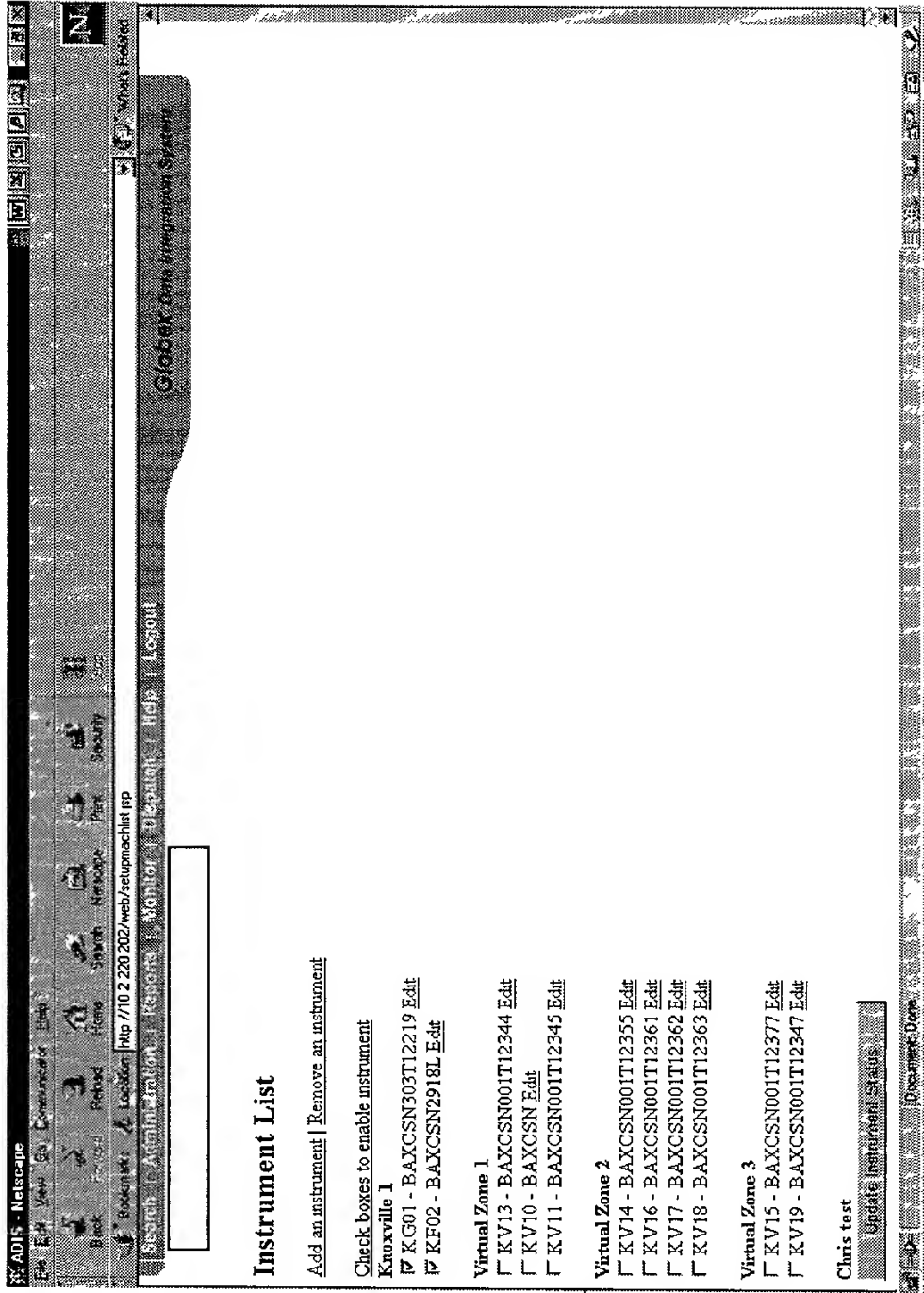


Fig. 27

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ADIS - Netscape

File Edit View Go Database Help

Back Forward Reload Home Search Netscape Print Security

Bookmarks Location: <http://10.2.202/web/setupmachadd.jsp>

Search Administration Reports Monitor Dispatch Help Logout

Globex Data Integration System

Add Instrument

Instrument type prefix (4 letters) *This identifies the instrument as a Baxter Auto-C, and cannot be changed.* **BAXC**

Instrument serial number *This normally starts with "SN" and is found on the back of the instrument.* **SN**

MAC address *This is a 12 character code on the back of the instrument.*

Subnet number (0-3) *This identifies which network port on the server this instrument is connected to.* **0**

Instrument ID *This is the number you will use to identify the instrument on reports, usually a small number and it can be the same as the barcode.*

Bar code *Do NOT include the (25) barcode prefix.*

Manufacturer **Baxter**

Model number

Date installed at center (mm/dd/yyyy) **4 / 20 / 2001**

Date of last field service (m/d/y) *Leave blank if field service has not been done or is now due.* **4 / 20 / 2001**

Notes

Updated Date

Fig. 28

128b

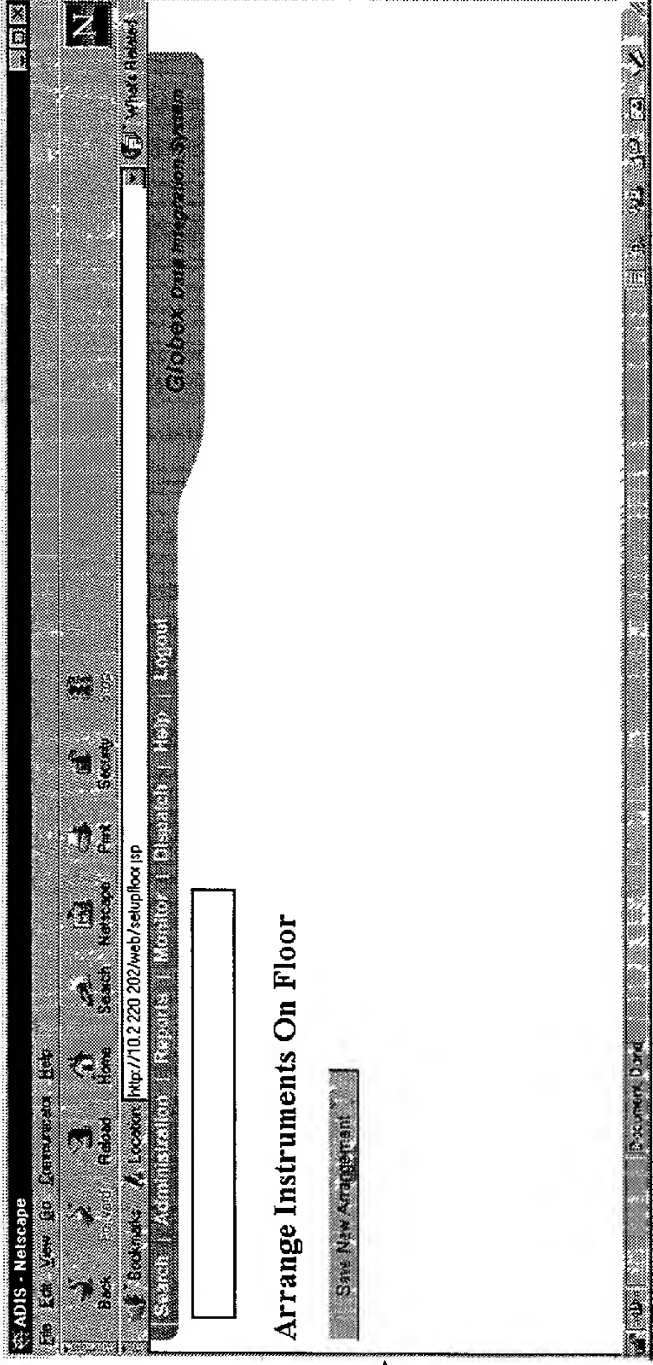
The screenshot shows a Netscape browser window with the title 'ADIS - Netscape'. The address bar displays 'http://10.2.20.202/web/setupnchedt1pp'. The browser's menu bar includes 'File', 'Edit', 'View', 'Go', 'Communications', 'File', 'Back', 'Forward', 'Reload', 'Home', 'Search', 'Netscape', 'Print', 'Stop', and 'Quit'. The browser's toolbar contains icons for back, forward, reload, home, search, and Netscape. The browser's status bar shows 'Document Done'. The main content area displays the 'Remove an Instrument' form. The form has a title bar 'Remove Instrument' and a 'Remove Instrument' button. The form fields are: 'Instrument serial number' with value 'BAXC', 'Date removed (m/d/y)' with value '4 / 20 / 2001', and 'Notes' with a text area containing '4 / 20 / 2001'. The form is titled 'Remove an Instrument'.

Fig. 29

128c

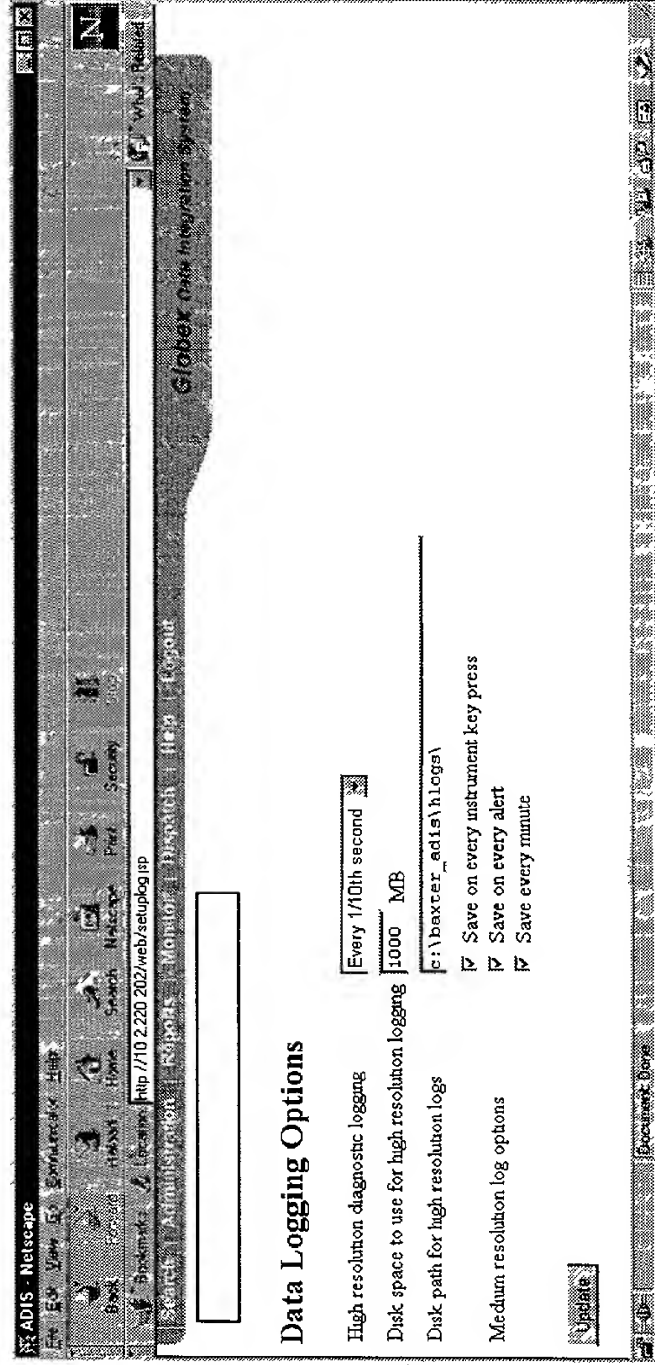
The screenshot shows a Netscape browser window with the title 'ADIS - Netscape'. The address bar displays 'http://10.2.20.202/web/setupnchedt1pp?machid=BAXCSN303T12219'. The browser's menu bar includes 'File', 'Edit', 'View', 'Go', 'Communications', 'File', 'Back', 'Forward', 'Reload', 'Home', 'Search', 'Netscape', 'Print', 'Stop', and 'Quit'. The browser's toolbar contains icons for back, forward, reload, home, search, and Netscape. The browser's status bar shows 'Document Done'. The main content area displays the 'Edit Instrument' form. The form has a title bar 'Edit Instrument' and an 'Edit Instrument' button. The form fields are: 'Prefix + Serial number' with value 'BAXCSN303T12219', 'Short ID' with value 'K901', 'Bar code' with value 'BAC00001', 'MAC address' with value '0030A2020072', and 'Subnet number (0-3)' with value '0'. The form is titled 'Edit Instrument'.

Fig. 30



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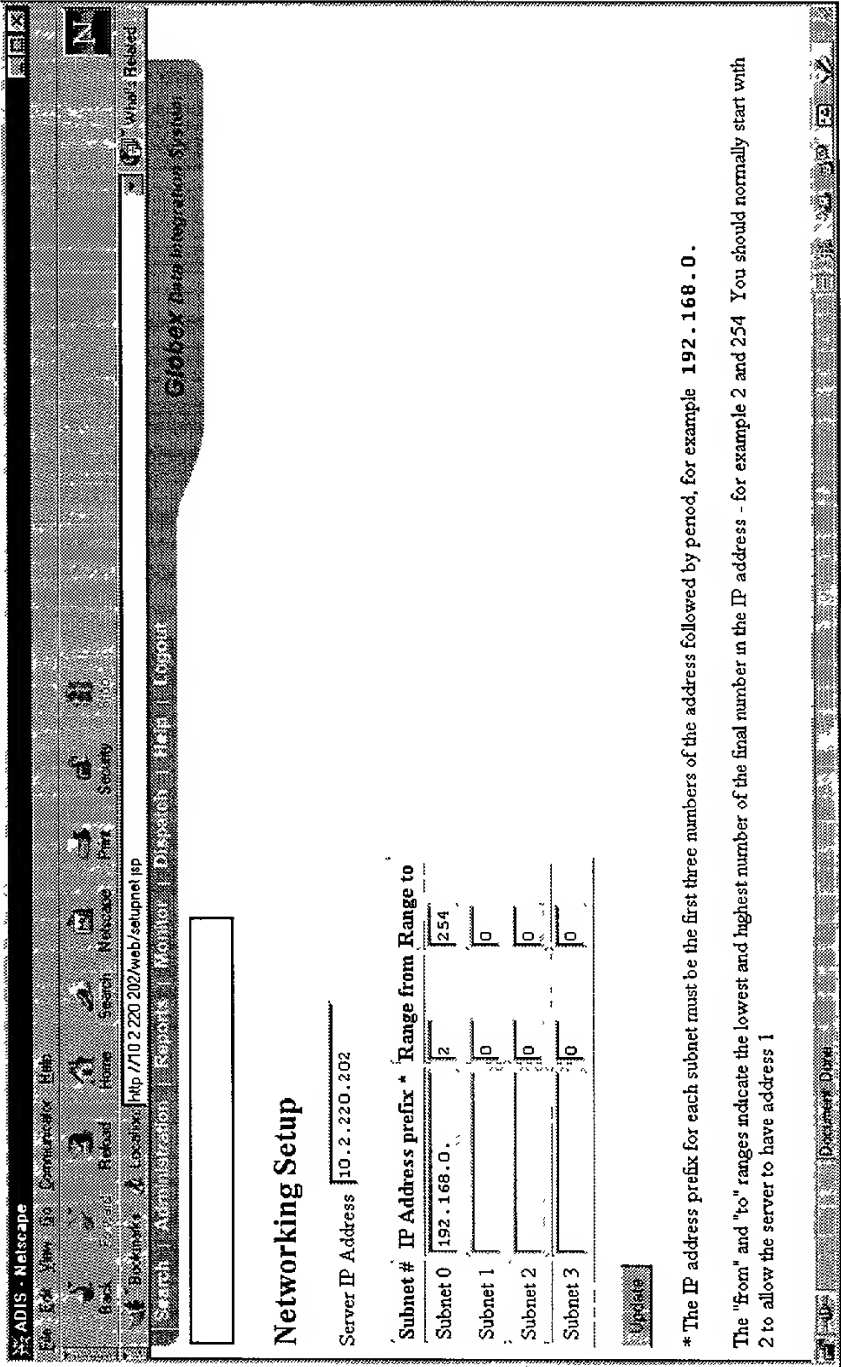
Fig. 31



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Fig. 32

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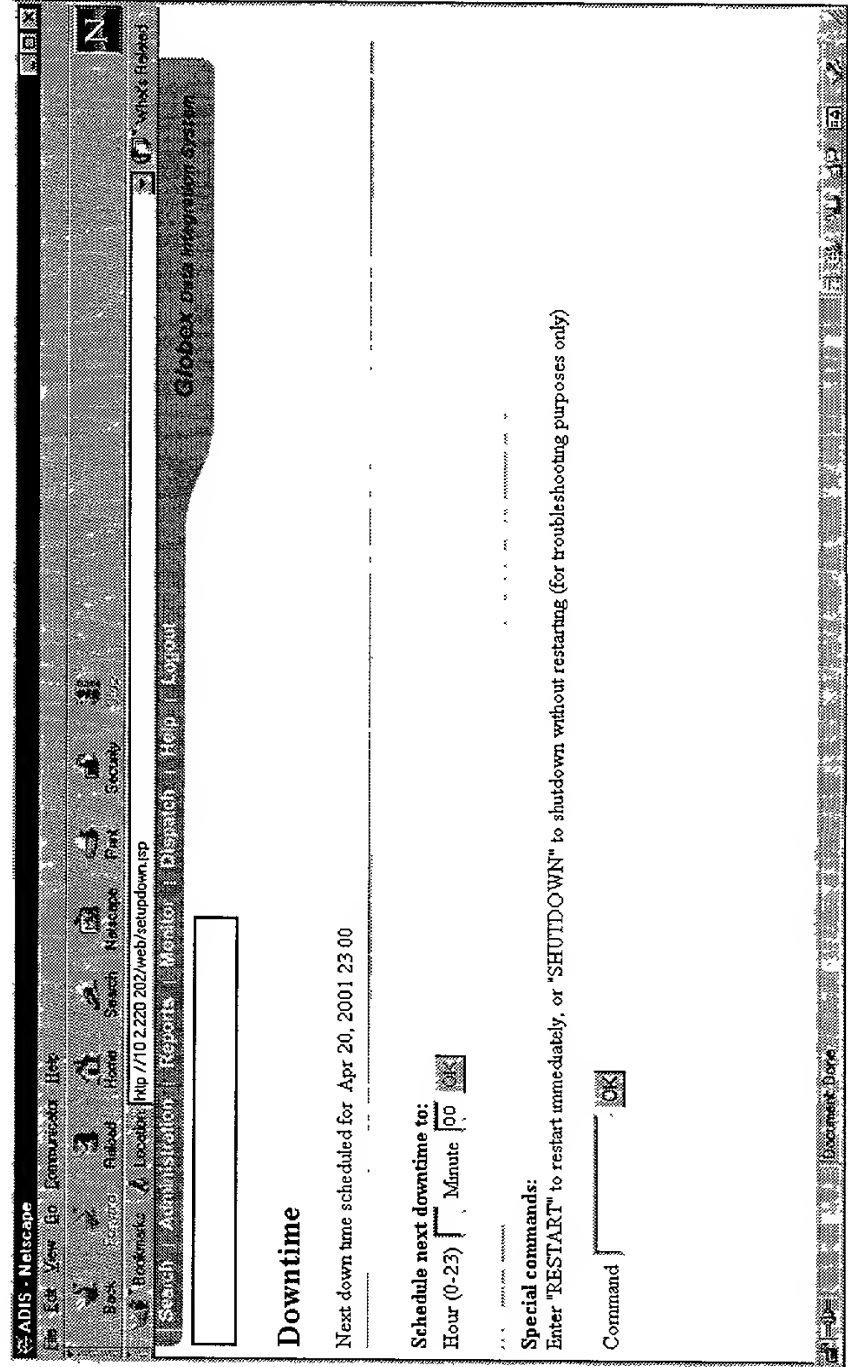


Fig. 33

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Fig. 34

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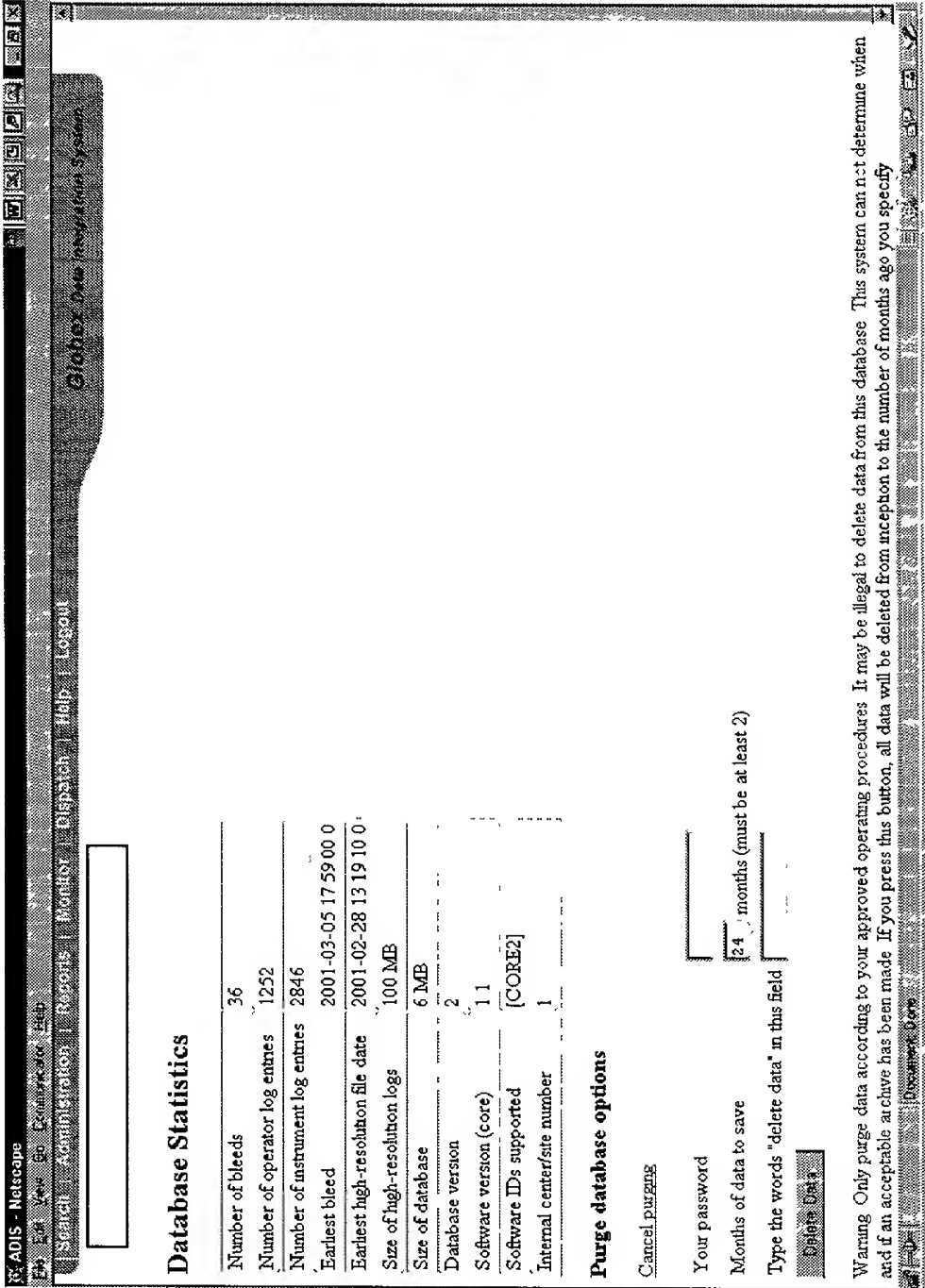


Fig. 35

ADIS - Netscape
The Netscape Go Commander Help
Back Forward Reload Home Search Netscape Print Security Help
http://10.2.202/web/bleedquery.jsp
Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Global Data Integration System

Center Staff Donor Inventory Instrument Q/A

Bleed Search

Enter search criteria in one or more of the fields below and click Go

Bleed # Donor #

From date (mm/dd/yyyy) 3 / 23 / 2001 To date (mm/dd/yyyy) 4 / 23 / 2001

Instrument serial # Operator login ID

Product code Lot Number

Global Data Integration System

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Fig. 36

Search | Administration | Reports | Monitor | Dispatch | Help | Logout
Global Data Integration System

Center Staff Donor Inventory Instrument Q/A

Bleed Search

Enter search criteria in one or more of the fields below and click Go

Bleed # Donor #

From date (m/d/y) 2 / 19 / 2001 To date (m/d/y) 3 / 21 / 2001

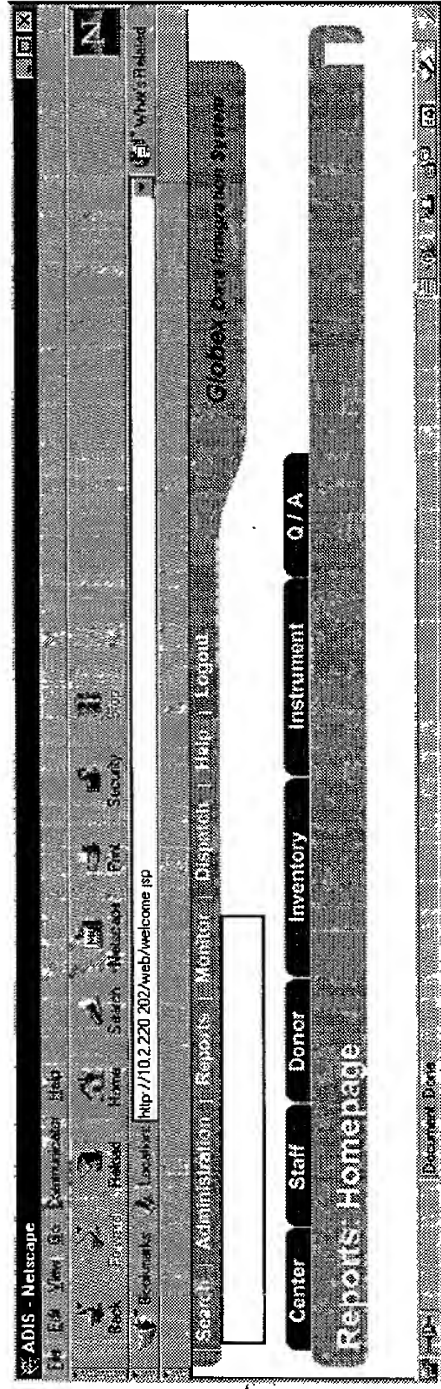
Instrument serial # Operator ID

Product # Lot #

Bleed Number ▼	Date/Time ▼	Donor Number ▼	Auto-C Serial Number ▼	Location ▼
BLEEDFOUR	2001-Feb-26 13:03	DONORFOUR	BAXCSNTRN01	ABQ
BLEEDONE	2001-Mar-9 20:31	DONORONE	BAXCSNTRN01	ABQ
BLEEDTHREE	2001-Mar-20 12:04	DONORTHREE	BAXCSNTRN01	ABQ

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Fig. 37



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Fig. 38



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Tracking goals from 2001-Mar-21 to 2001-Mar-21

Variable	Goal	Actual	Difference
Number of Procedures	0	0	0
Liters Collected	0	0	0
Average Yield	0	0	0
Yield Efficiency	0%	0%	0%
Average Time on Floor	0.0	0.0	0.0
Average VP Time per Donation	0.0	0.0	0.0
Annualized Machine Utilization	0	0	0

Fig. 39

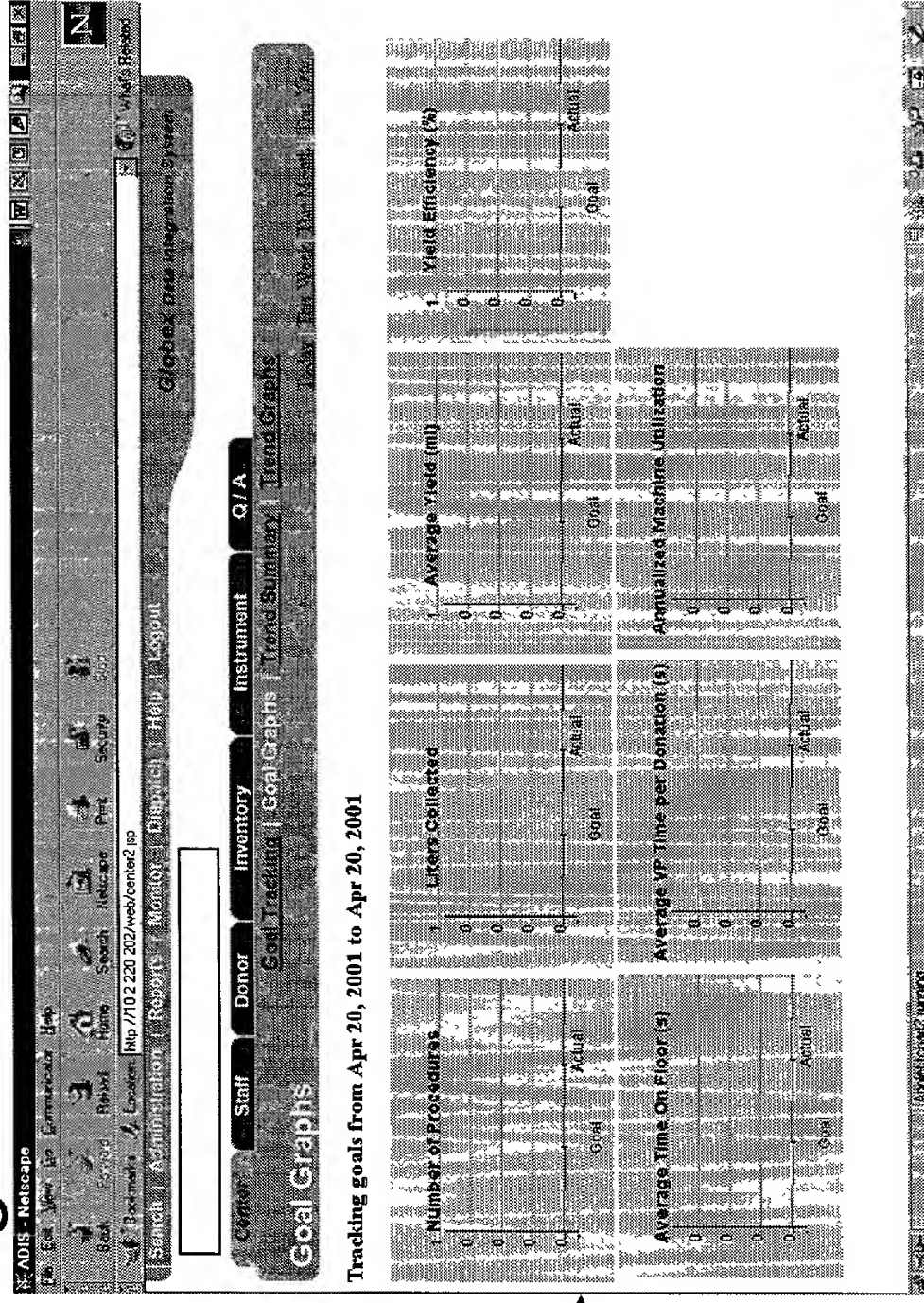


Fig. 40

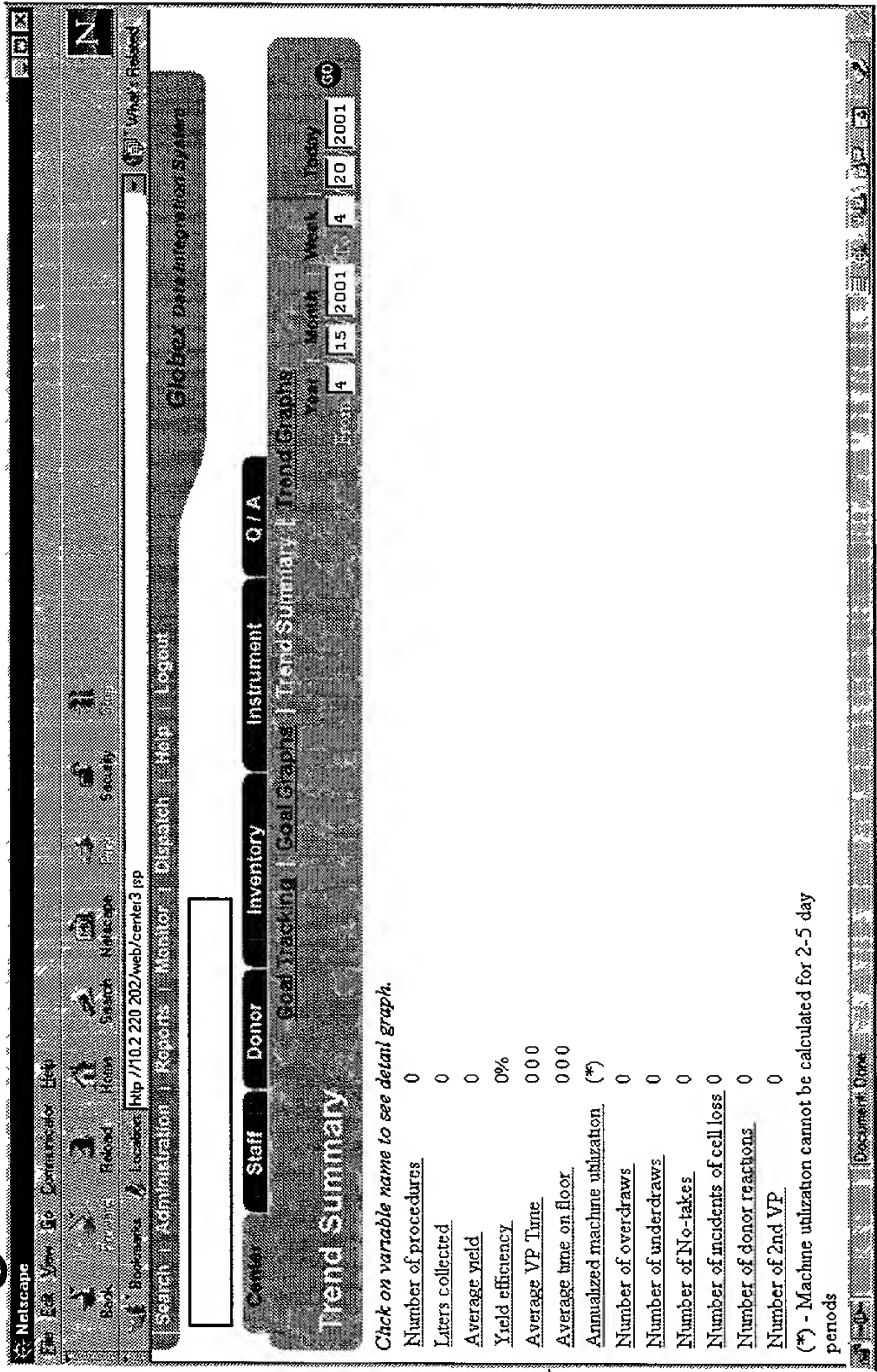
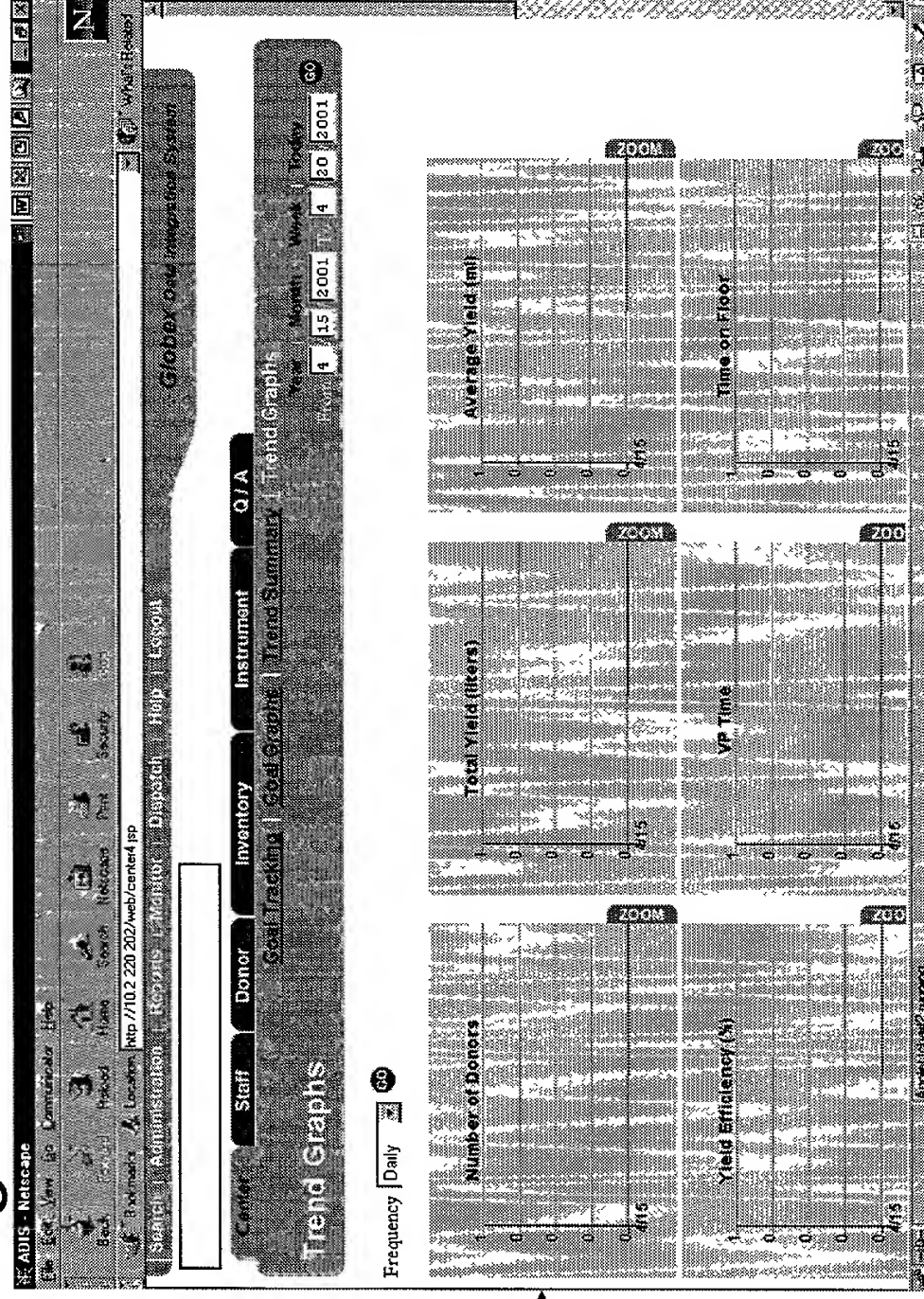


Fig. 41



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Fig. 42

Microsoft Internet Explorer

Address: http://ndi/webopersun.jsp?dw=

Search | Administration | Reports | Monitor | Dispatch | Help | Logout

FUSION

Center Staff Donor Inventory Instrument Q/A

Operator Summary

Year: 2001 Month: 5 Day: 23 Today: 60

Refresh

Operator Total (Acc%)	Machine Setup Total (Acc%)	Procedure Program	Arm Prep	Venipuncture	Yield Eff	Remove Plasma	Disconnect Donor
0 (0%)	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Armie Bombino	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Big Cheese	2 (100%)	4 (100%)	3	3 (33%)	8	2	2
Bill Kraiss	8 (87%)	12 (83%)	9	9 (22%)	2	5	2
Bill Kraiss	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Bob Jones	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Chris Fredencks	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
D. Doucette	3 (100%)	2 (100%)	2	2 (0%)	0	1	3
David Hallas	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Don Doucette	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Donald C. Doucette	6 (100%)	7 (71%)	7	7 (57%)	22	3	3
Doucette Donald	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Ed Agase	3 (100%)	5 (60%)	5	5 (0%)	60	2	3
Ed March	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Forrest Mccaleb	0 (0%)	0 (0%)	0	0 (0%)	0	0	0
Grant Peterson	7 (71%)	8 (75%)	8	8 (12%)	59	2	3

Done

Variable	Mean	SD	Min	Max
Age	34.5	10.2	22	55
Gender	0.5	0.5	0	1
Marital status	0.6	0.5	0	1
Education	12.5	1.5	10	16
Income	15.2	5.8	10	30
Health status	0.8	0.4	0	1
Stress level	2.5	1.2	1	4
Life satisfaction	3.2	1.5	1	5
Work engagement	4.1	1.8	1	6
Organizational commitment	3.8	1.6	1	5
Turnover intention	1.2	0.8	0	3
Job satisfaction	3.5	1.4	1	5
Perceived organizational support	3.1	1.3	1	5
Psychological distance	2.8	1.1	1	4
Trust in supervisor	3.3	1.2	1	5
Trust in organization	3.0	1.1	1	4
Organizational justice	3.4	1.3	1	5
Employee voice	2.9	1.0	1	4
Employee silence	2.6	0.9	1	4
Employee withdrawal	2.3	0.8	1	4
Employee citizenship	2.7	0.9	1	4
Employee turnover	1.5	0.7	0	3
Employee retention	1.8	0.8	0	3
Employee loyalty	1.6	0.7	0	3
Employee commitment	1.9	0.9	0	3
Employee engagement	1.7	0.8	0	3
Employee satisfaction	1.4	0.6	0	3
Employee well-being	1.3	0.5	0	3
Employee health	1.2	0.4	0	3
Employee safety	1.1	0.3	0	3
Employee security	1.0	0.2	0	3
Employee stability	0.9	0.1	0	3
Employee continuity	0.8	0.1	0	3
Employee consistency	0.7	0.1	0	3
Employee predictability	0.6	0.1	0	3
Employee reliability	0.5	0.1	0	3
Employee dependability	0.4	0.1	0	3
Employee accountability	0.3	0.1	0	3
Employee responsibility	0.2	0.1	0	3
Employee obligation	0.1	0.1	0	3
Employee duty	0.0	0.1	0	3
Employee task	0.0	0.1	0	3
Employee role	0.0	0.1	0	3
Employee position	0.0	0.1	0	3
Employee status	0.0	0.1	0	3
Employee rank	0.0	0.1	0	3
Employee title	0.0	0.1	0	3
Employee name	0.0	0.1	0	3
Employee ID	0.0	0.1	0	3
Employee number	0.0	0.1	0	3
Employee code	0.0	0.1	0	3
Employee key	0.0	0.1	0	3
Employee password	0.0	0.1	0	3
Employee email	0.0	0.1	0	3
Employee phone	0.0	0.1	0	3
Employee address	0.0	0.1	0	3
Employee city	0.0	0.1	0	3
Employee state	0.0	0.1	0	3
Employee country	0.0	0.1	0	3
Employee continent	0.0	0.1	0	3
Employee region	0.0	0.1	0	3
Employee district	0.0	0.1	0	3
Employee neighborhood	0.0	0.1	0	3
Employee street	0.0	0.1	0	3
Employee house	0.0	0.1	0	3
Employee apartment	0.0	0.1	0	3
Employee office	0.0	0.1	0	3
Employee factory	0.0	0.1	0	3
Employee school	0.0	0.1	0	3
Employee hospital	0.0	0.1	0	3
Employee government	0.0	0.1	0	3
Employee military	0.0	0.1	0	3
Employee religion	0.0	0.1	0	3
Employee culture	0.0	0.1	0	3
Employee language	0.0	0.1	0	3
Employee ethnicity	0.0	0.1	0	3
Employee race	0.0	0.1	0	3
Employee gender	0.0	0.1	0	3
Employee sex	0.0	0.1	0	3
Employee age	0.0	0.1	0	3
Employee birth date	0.0	0.1	0	3
Employee birth time	0.0	0.1	0	3
Employee birth place	0.0	0.1	0	3
Employee birth country	0.0	0.1	0	3
Employee birth state	0.0	0.1	0	3
Employee birth city	0.0			



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Fig. 45

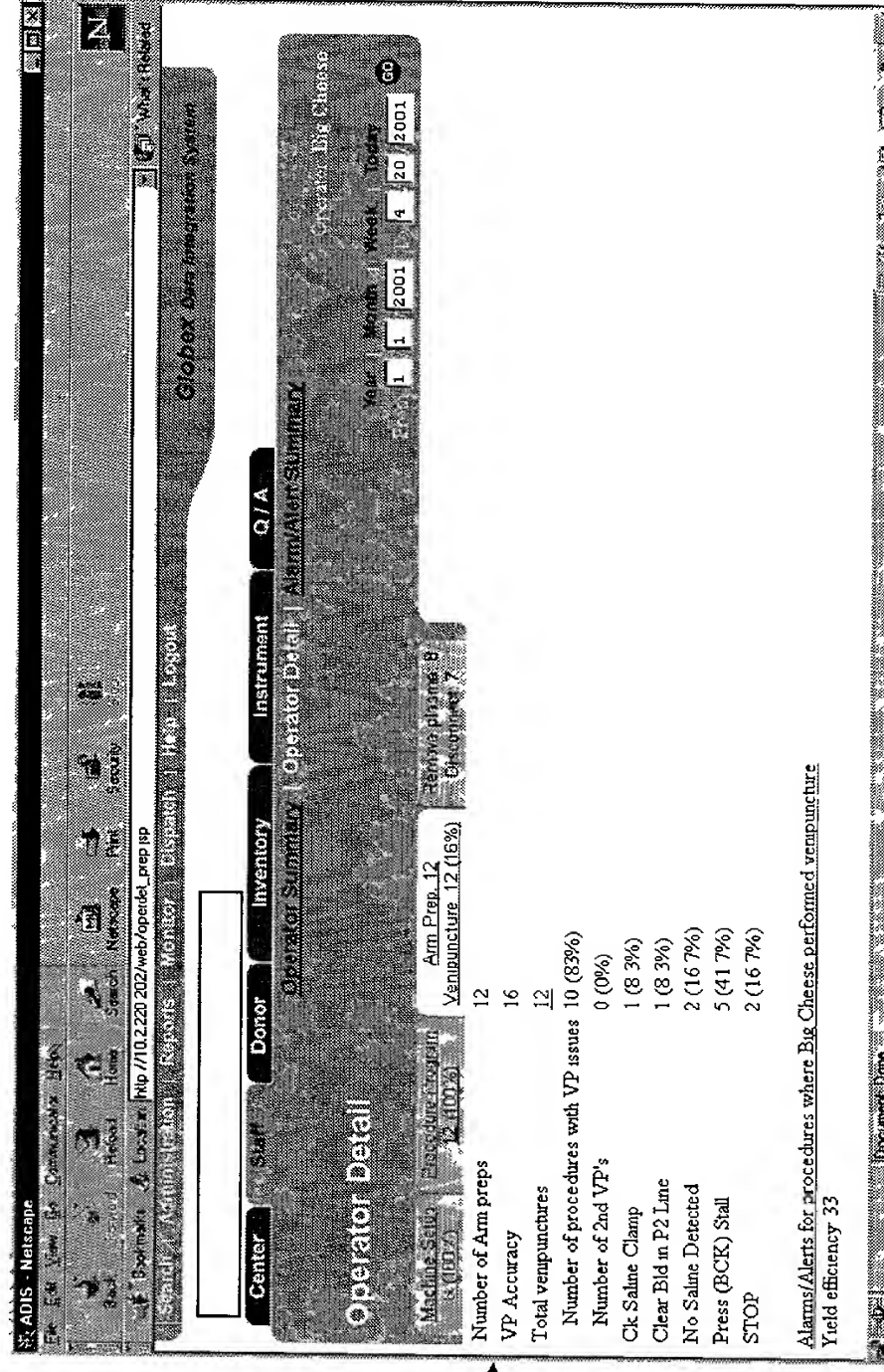
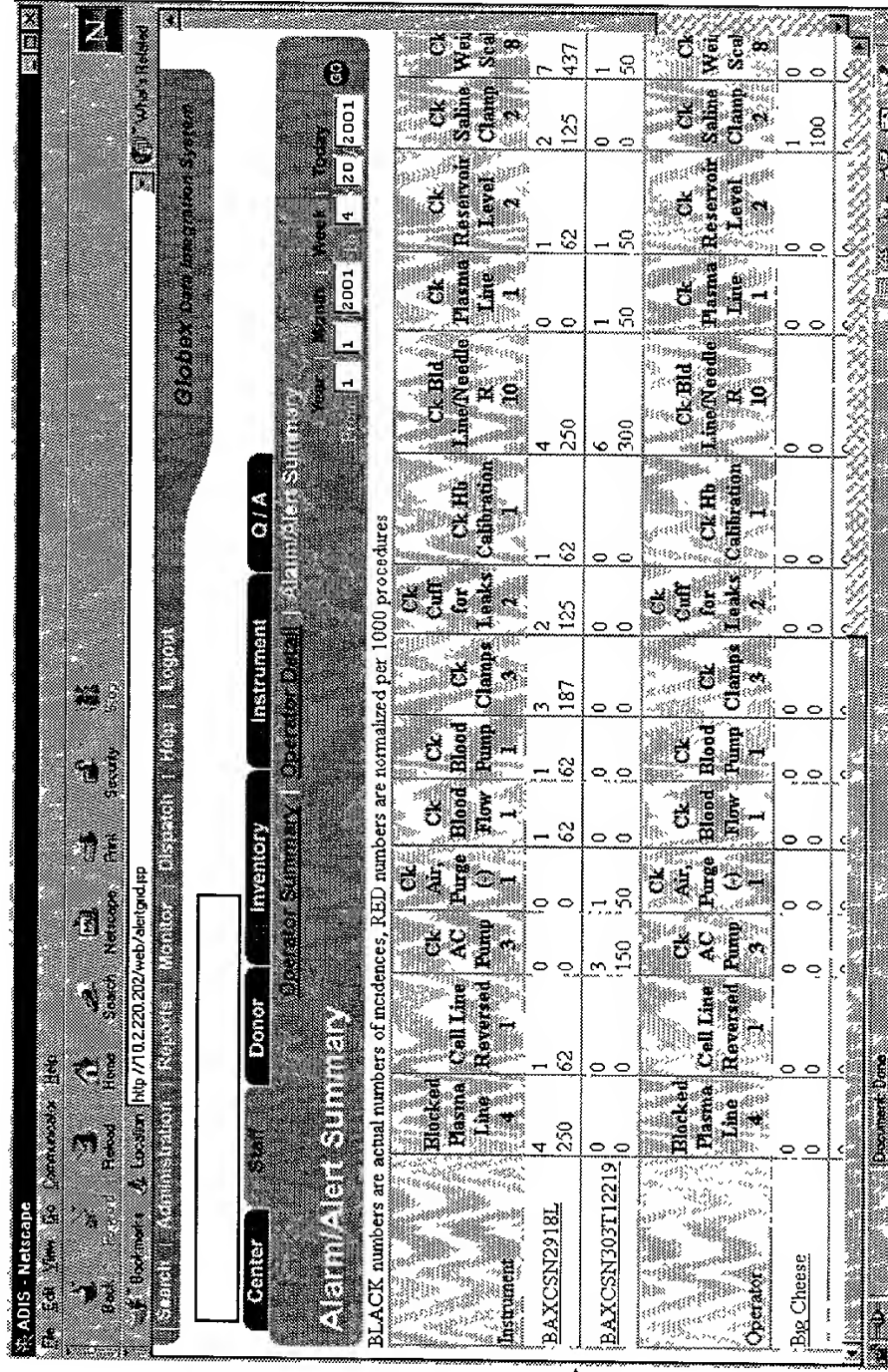


Fig. 46



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Fig. 47

ADIS - Netscape
File Edit View Go Database Help

Search Netscape Print Security
Home Recent History
http://10.220.202/web/operator.asp?k=180-1
Search Administration Reports Monitor Dispatch Help Logout

Global Data Integration System

Center Start Donor Inventory Instrument Q/A

Global Summary | Operator Detail | Alarm/Alert Summary

Year: 1 2001 Month: 4 Day: 20 Today

Hour: 1 4 20 2001 GO

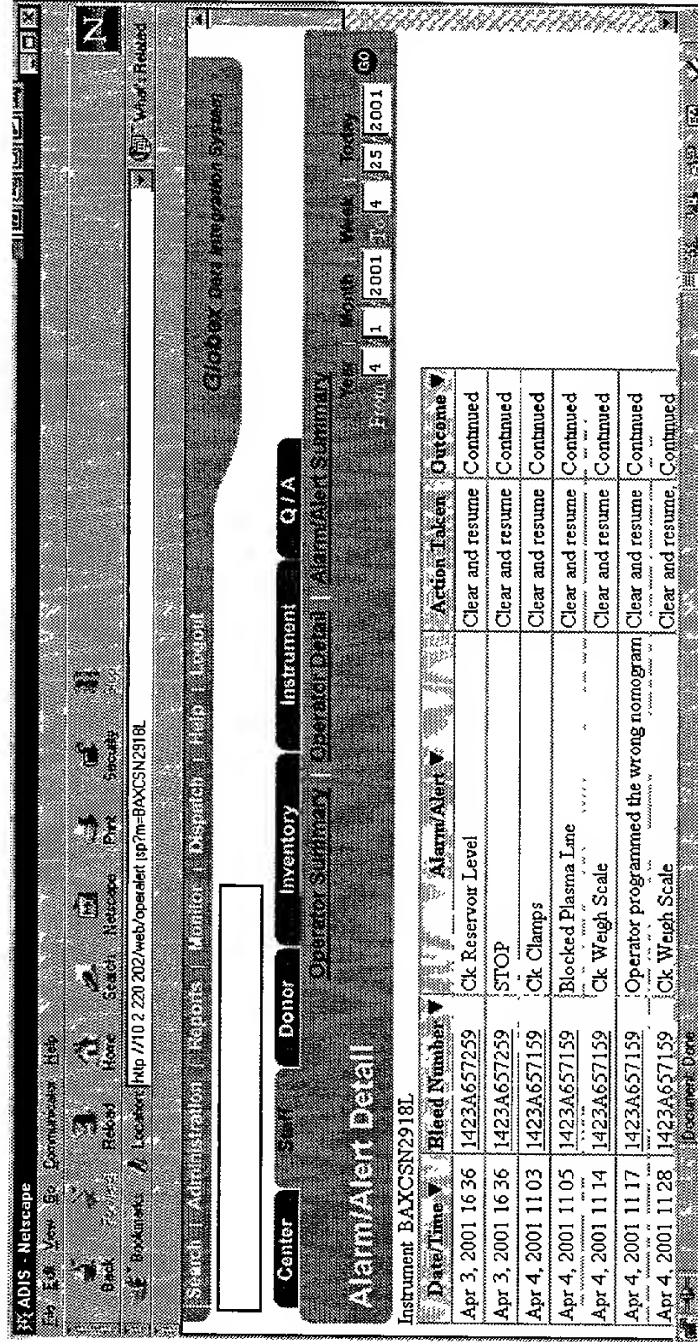
Alarm/Alert Detail

VP Operator Big Cheese

Date/Time	Blind Number	Alarm/Alert	Action Taken	Outcome
Mar 5, 2001 18:07	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:08	99BLEEDONE	Operator programmed the wrong nomogram	Chatted with donor	Continued
Mar 5, 2001 18:08	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:08	99BLEEDONE	No Saline Detected	Chatted with donor	Continued
Mar 5, 2001 18:15	99BLEEDONE	null	Pretended I didn't notice	Continued
Mar 5, 2001 18:17	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:19	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:20	99BLEEDONE	null	Offered some coffee	Continued
Mar 5, 2001 18:20	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:20	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:20	99BLEEDONE	null	Pretended I didn't notice	Continued
Mar 5, 2001 18:21	99BLEEDONE	null	Chatted with donor	Continued
Mar 5, 2001 18:21	99BLEEDONE	null	Chatted with donor	Continued

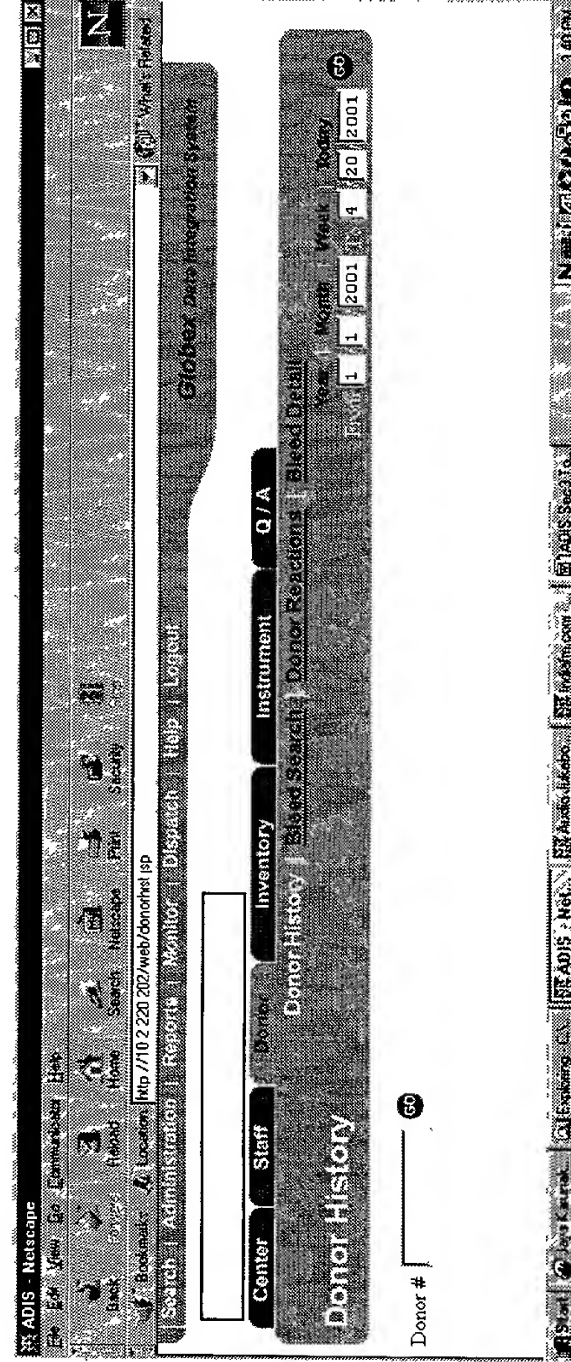
Document Done

Fig. 48



174

Fig. 49



178

Fig. 50

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q / A

Donor History

From 1 1 2001 To 3 27 2001 GO

Donor # 521110 GO

Collection Date	Bleed Number	Plasma Collected	VP Time	Arm Used	VP Operator	Number of VPs	Alarms/Alerts	Average Flow Rate (ml/min)
2001-Mar-27	1423A657190	null	02:15	null	null	null	null	0

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Fig. 51

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q / A

Donor Reaction

From 1 1 2001 To 3 27 2001 GO

Collection Date

Donor Number

Bleed Number

Notes

2001-Mar-10	DONOR10	BLEED20	
2001-Mar-12	DONOR11	BLEED31	faint and shortness of breath
2001-Mar-13	DONOR11	Bleed55	
2001-Mar-13	DONOR11	Bleed55	
2001-Mar-13	DONOR11	Bleed55	Felt better after few minutes
2001-Mar-13	DONOR11	Bleed56	
2001-Mar-13	DONOR11	Bleed56	
2001-Mar-19	donor0319	03192001	
2001-Mar-19	donor0319	03192001	

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Fig. 52

SearchAdministrationReportsMonitorDispatchHelpLogout

CenterStaffOrderInventoryInstrumentQ/A

OrderHistoryBleed SearchDonor ReactionsBleed Detail

Machine SetupProcedureExceptionsBleed Detail

1423A65719060

Plasma 1001-Mar-27 11:14

Bleed 1001-Mar-27 11:14

Done 1001-Mar-27 11:14

Products Used

TypeProduct CodeLot #Expiration Date

None found

Setup Operator Unknown

Alarms/Alerts

TimeAlarm/Alert TextOperator who ResolvedAction TakenOutcome

None found

184

Fig. 53

SearchAdministrationReportsMonitorDispatchHelpLogout

CenterStaffOrderInventoryInstrumentQ/A

OrderHistoryBleed SearchDonor ReactionsBleed Detail

Machine SetupProcedureExceptionsBleed Detail

1423A65719060

Plasma 1001-Mar-27 11:14

Bleed 1001-Mar-27 11:14

Done 1001-Mar-27 11:14

Procedure Program

Operator Unknown

AC Rate 6

Calculated nomogram 0

Programmed nomogram

Saline target 350

Remove Plasma

Operator Unknown

Plasma collected 0

Disconnect

Operator Unknown

AC used 97

Total blood processed 117

VP Time 0 2 15

Arm Prep

Operator Unknown

Venipuncture

Operator Unknown

Arm used

186

Fig. 54

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q/A

Bleed Details

Donor History

Bleed Search

Donor Reactions

Bleed Detail

Machine Setup

Procedures

Exceptions

Full Detail

Time/Alarm/Alert Text Operator who Resolved Action Taken Outcome

None found

Bleed # 1423 A657190

GO Date/Time 2001-Mar-27 11:14

Event# 521111

188

Fig. 55

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q/A

Bleed Details

Donor History

Bleed Search

Donor Reactions

Bleed Detail

Machine Setup

Procedures

Exceptions

Full Detail

Time/Alarm/Alert Text Operator who Resolved Action Taken Outcome

None found

Bleed # 1423 A657190

GO Date/Time 2001-Mar-27 11:14

Event# 521111

Date/Time	Display	Cycle	Flt	Rev	Vol	Cut	Plasma	Flow	M2	Flow	Clamps	Mode
2001-Mar-27 11 20 15	procedure program - Donor: 521111[EDIT]											
2001-Mar-27 11 20 32	arm prep - Arm: L[EDIT]											
2001-Mar-27 11 21 04	venipuncture [EDIT]											
2001-Mar-27 11 23 11	Percent AC 6%	1	0	4	18	192	-4	0			0	OOXOX:1
2001-Mar-27 11 23 18	Plasma 690 mL	192	1	0	0	18	192	0	0		0	OOXOX:1
2001-Mar-27 11 23 19	Plasma 825 mL	192	1	0	4	18	192	0	0		0	OOXOX:1
2001-Mar-27 11 23 20	Plasma 880 mL	192	1	4	0	18	192	-4	0		0	OOXOX:1
2001-Mar-27 11 23 30	Saline 300 mL	1	0	0	18	192	-4	0	0		0	OOXOX:1
2001-Mar-27 11 23 31	Saline 400 mL	1	0	4	18	192	0	0	0		0	OOXOX:1
2001-Mar-27 11 23 32	Saline 500 mL	1	0	0	18	192	-4	0	0		0	OOXOX:1
2001-Mar-27 11 23 33	Saline 400 mL	1	0	4	18	192	0	0	0		0	OOXOX:1
2001-Mar-27 11 23 35	Saline 300 mL	1	0	4	18	192	0	0	0		0	OOXOX:1

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FIG. 56 is a screenshot of a software interface for a Globex Data Integration System. The interface includes a search bar, navigation tabs (Center, Staff, Donor, Inventory, Instrument, Q/A), and a main content area displaying 'Inventory Usage' data. The data is presented in a table with columns for Product Number, Universal Product Number, Product Description, Number of Procedures, Quantity Used, Percentage, # Product Performance Issues, and # Other. The table shows two rows of data for 'Plasmacell -C Set'.

Fig. 56

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Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q/A

Inventory Usage

Performance by Product

Performance by Lot

Replenishment

From 1 1 2001 To 3 27 2001 GO

Product Number	Universal Product Number	Product Description	Number of Procedures	Quantity Used	Percentage	# Product Performance Issues	# Other
4R2067	50085412035388	Plasmacell -C Set	1	24	0%	0	0
4R2252	70085412008973	Plasmacell -C Set	1	25	0%	0	0

REORDER
REORDER

Fig. 57

194

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q/A

Performance by Product

Inventory Usage

Performance by Product

Performance by Lot

Replenishment

From 1 1 2001 To 3 27 2001 GO

Product code 4R2067 GO

Plasmacell -C Set (UPN 50085412035388)

Lot Number	Number of Procedures	Quantity Used	Percentage	# Product Performance Issues	# Other
GR153759	1	1	0%	0	0
GR154229	1	22	0%	0	0
GR155648	1	1	0%	0	0

Fig. 58

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q / A

Performance by Lot

Year: 1 Month: 1 Week: 3 Today: 27 2001

Product code: 4R2067 Lot number: GR153759

Plasmacell - C Set (UPN: 50085412035388)

Lot Number	Number of Procedures	Quantity Used	Excess Usage
GR153759	1	1	0%

Breakdown of problems by location

Problem	Location	Quantity

196

Fig. 59

Search Administration Reports Monitor Dispatch Help Logout

Center

Staff

Donor

Inventory

Instrument

Q / A

Replenishment

Year: 1 Month: 1 Week: 3 Today: 27 2001

Table shows quantities of products used at each location

Location	4R2067	4R2252	4R2603
INDY	27	29	2

198

Fig. 60

ADIS - Netscape
http://10.2.220.202/web/machsum.ppt

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Instrument Summary

Total hours of operation 2640

Serial Number	VP Hours	Number Procedures	Utilization	Hours Out of Service	Current Out of Service	# Alarms/Alerts	Flow Rate
BAXCSN2918L	122 0	16	53	0	N	66	5 909090909090909
BAXCSN303T	12219.25 0	20	66	0	N	66	0 0

200

Fig. 61

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Instrument Detail

Maintenance Service Alarm/Alert Full Detail

Date	Interval	Operator	Outcome	Notes
2001-Mar-9 14 06	Daily	Kok-Hwee Ng	Weights = 5000,1000, Not cleaned	[EDIT]
2001-Mar-9 14 07	Daily	Kok-Hwee Ng	Weights = 500,1000, Not cleaned	[EDIT]
2001-Mar-10 07 16	Daily	Bill Krauss	Weights = 500,1008, Not cleaned	[EDIT]
2001-Mar-10 07 16	Daily	Bill Krauss	Weights = 500,1000, Not cleaned	[EDIT]
2001-Mar-12 08 47	Daily	Bill Krauss	Weights = 500,1003, Cleaned	[EDIT]
2001-Mar-12 11 34	Daily	Chris Fredenicks	Weights = ., Cleaned	test of no weights entered [EDIT]

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Fig. 62

GlobeX Data Integration System

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Instrument Summary | Instrument Detail | Out of Service Alarm/Alert Summary

Edit Log

Record Summary

Type of event logged daily maintenance
Instrument serial number BAXCS10021J
Operator who logged event HP001
Bleed number Not associated with any bleed

Record Modifications

Weight A 500
Weight B 1000
Cleaned Y

Notes

Save Changes

Fig. 63

ADIS - Microsoft Internet Explorer provided by Compaq

http://10.220.203/web/mach_service.jsp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Instrument Detail

Instrument Number: BAXCS10021J

Year: 1 2001 Month: 1 Week: 4 Day: 25 Today

Date/Time	Service Type	Operator	Notes
Mar 9, 2001 15:10	Field Service	Kok-Hwee Ng	Service completed, reason none - [EDIT]
Mar 13, 2001 09:33	Field Service	Michele Meyer	Service completed, reason none - [EDIT]
Mar 13, 2001 17:49	In Service	Ed Agase	Technician, reason Tune-up, Part none [EDIT]
Mar 15, 2001 08:53	Out of Service	Chris Fredericks	Reason Needs paint job - [EDIT]
Mar 15, 2001 11:05	Out of Service	Chris Fredericks	Reason Needs paint job - [EDIT]
Mar 26, 2001 15:41	In Service	HP001	Technician, reason Oil change, Part none [EDIT]
Apr 3, 2001 13:18	Out of Service	Chris Fredericks	Reason Rearranging the furniture - [EDIT]
Apr 11, 2001 10:36	Out of Service	Ed Agase	Reason Needs paint job - [EDIT]
Apr 18, 2001 12:12	Field Service	Guest Database	Service completed, reason none - [EDIT]

Start Stop Print Back Forward Home Search Favorites History

ADIS - Microsoft Internet Explorer provided by Compaq

http://10.220.203/web/mach_service.jsp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

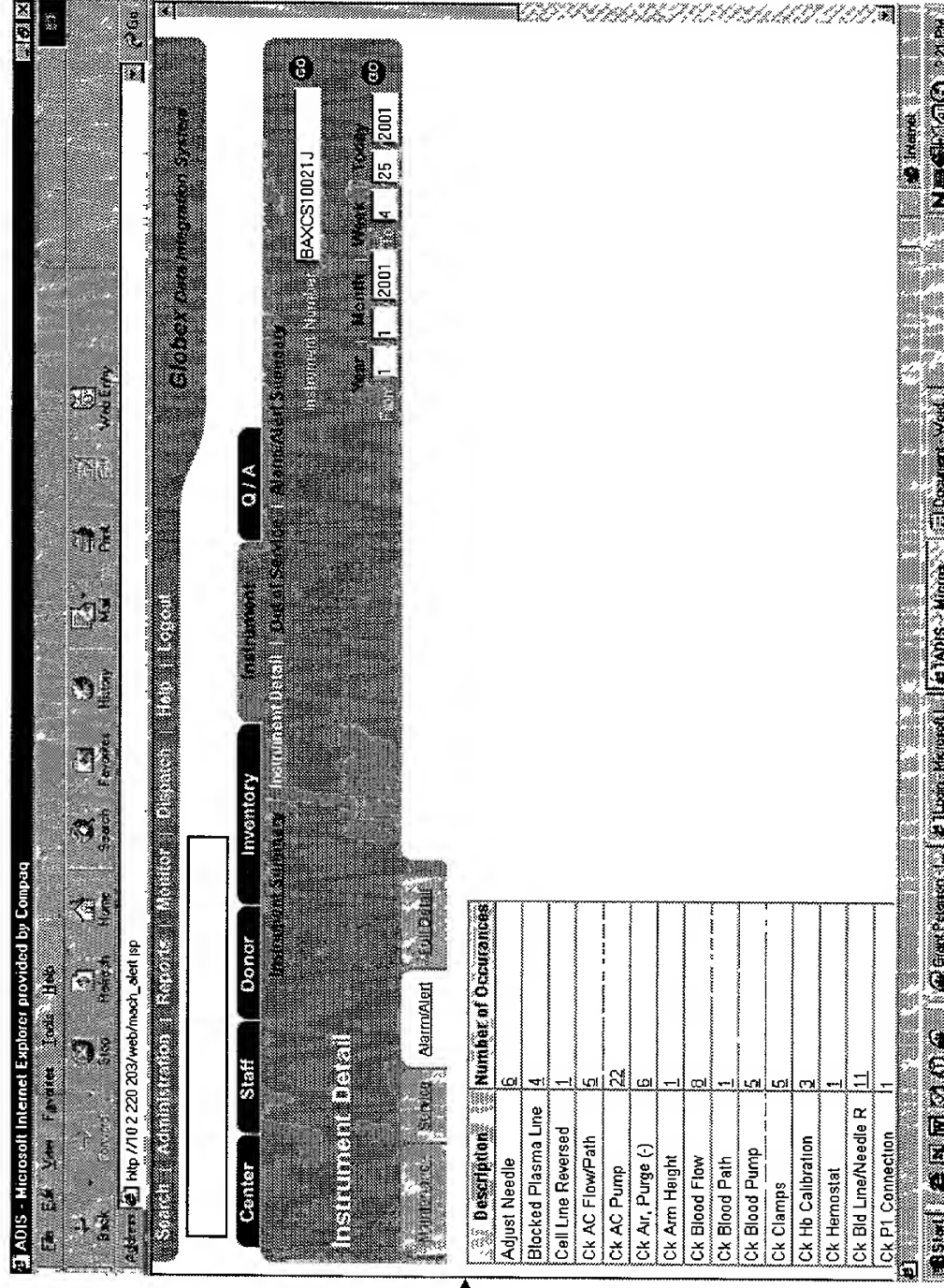
Instrument Detail

Instrument Number: BAXCS10021J

Year: 1 2001 Month: 1 Week: 4 Day: 25 Today

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Fig. 64



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Fig. 65

ADIS - Microsoft Internet Explorer provided by Compaq

Address: http://10.220.203/web/mach_full.asp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Instrument Detail

Instrument Number: BAXCS10021J

Year: 1 2001 Month: 4 Week: 25 Today

GO

Date/Time	Description	Operator	Bleed	Outcome or Comments
Mar 9, 2001 11:30	accuracy message	Chris Fredericks		Message: The donor management system has not authorized th [EDIT]
Mar 9, 2001 14:06	daily maintenance	Kok-Hwee Ng		Weight A 5000 Weight B 1000 Cleaned N Notes [EDIT]
Mar 9, 2001 14:07	daily maintenance	Kok-Hwee Ng		Weight A 500 Weight B 1000 Cleaned N Notes [EDIT]
Mar 9, 2001 15:09	accuracy message	Kok-Hwee Ng		Message A Field Service Report has not been recently logge [EDIT]
Mar 9, 2001 15:10	field service	Kok-Hwee Ng		FSR Completed Y Reason none Notes [EDIT]

Done

ADIS Microsoft Word

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Fig. 66

ADIS - Netscape

File Edit View History Bookmarks Tools Help

Back Forward Reload Home Search Netscape Print Security

http://10.2.220.202/web/mach_out.jsp

What's New?

Search Administration Reports Monitor Dispatch Help Logout

Globex Data Integration System

Center Staff Donor Inventory Instrument Q/A

Instrument Summary Instrument Detail Out of Service Alarm/Alert Summary

Out of Service

Show instrument statistics

Show current instruments out of service

Show each time an instrument was taken out of service in the last X months, by date

Show each time an instrument was taken out of service in the last X months, by instrument

(Show for last 6 months)

Refresh

Run Hours/VP Hours are based on instrument settings on Apr 20, 2001, counted since the last instrument upgrade.

Instrument Serial Number	Location	Run Hours	VP Hours	Out of Service Date	Back in Service Date	Reason	Part Replaced	Number Days Out of Service
BAXCSN2918L	KNOX	590	112	Mar 15, 2001	Mar 27, 2001	Repair completed	none	12
BAXCSN303T12219	KNOX	586	19	Mar 16, 2001	Mar 16, 2001	Annual PM completed	none	0
BAXCSN303T12219	KNOX	586	19	Mar 20, 2001	Mar 20, 2001	Repair completed	none	0
BAXCSN303T12219	KNOX	586	19	Mar 20, 2001	Mar 20, 2001	Repair completed	none	0
BAXCSN303T12219	KNOX	586	19	Mar 20, 2001	Mar 20, 2001	Repair completed	none	0
BAXCSN303T12219	KNOX	586	19	Mar 20, 2001	Mar 27, 2001	Repair completed	none	6
BAXCSN2918L	KNOX	590	112	Mar 28, 2001	Mar 28, 2001	Annual PM	none	0

Display Data

Friday, April 20, 2001

Fig. 67

ADIS - Netscape

File Edit View Go Database Help

Back Forward Home Search Location Post Security

http://10.2.20.202/web/qealeid.jsp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Exceptions Open Messages Corporate Quarantine Logs Release Incoming Disposables Modify Records

Open System Messages Processing Exceptions

Date/Time	Messages/Display	Instrument Serial Number	Bleed Number
Apr 17, 2001 17:51	Machine just powered-up	BAXCSN2918L	1413167a
Apr 18, 2001 14:22	STOP	BAXCSN2918L	
Apr 18, 2001 14:26	Logging occurred which is out of order	BAXCSN2918L	
Apr 19, 2001 08:23	Ck Cuff for Leaks	BAXCSN2918L	
Apr 19, 2001 08:25	Ck Wreigh Scale	BAXCSN2918L	
Apr 19, 2001 08:26	Press (BCK) RsvOvflw	BAXCSN2918L	
Apr 19, 2001 08:28	Ck Plasma Line	BAXCSN2918L	
Apr 19, 2001 08:29	STOP	BAXCSN2918L	
Apr 19, 2001 08:31	STOP	BAXCSN2918L	
Apr 19, 2001 13:36	STOP	BAXCSN2918L	
Apr 19, 2001 13:37	Ck Air Purge (-)	BAXCSN2918L	
Apr 19, 2001 13:42	STOP	BAXCSN2918L	
Apr 19, 2001 13:52	STOP	BAXCSN2918L	
Apr 19, 2001 13:52	STOP	BAXCSN2918L	
Apr 19, 2001 13:56	Ck AC Flow/Path	BAXCSN2918L	

Fig. 68

ADIS - Netscape

File Edit View Go Commander Tools

Back Forward Reload Home Search Network Port Security

Bookmarks & Extensions http://10.2.220.202/web/qeecept.asp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Exceptions, Open Messages Q/A Review Corporate Quarantine Logs Release Incoming Disposables Modify Records

Exceptions

Open System Messages Procedure Exceptions

From 1 1 2001 To 4 20 2001 60

Global Data Integration System

Date & Time	Type of Exception	Instrument	Bleed Number
Mar 5, 2001 17:59	Donor Reaction	BAXCSN303T12219	99BLEEDONE
Mar 6, 2001 16:23	Donor Reaction	BAXCSN303T12219	99BLEEDFOUR
Mar 7, 2001 11:26	Over/Under Draw	BAXCSN303T12219	99BLEEDSIX
Mar 7, 2001 13:03	Over/Under Draw	BAXCSN303T12219	BLEEDSIX
Mar 7, 2001 11:26	Over/Under Draw	BAXCSN303T12219	99BLEEDSEVEN
Mar 16, 2001 10:13	Over/Under Draw	BAXCSN2918L	Bleed55
Mar 19, 2001 16:22	Over/Under Draw	BAXCSN303T12219	Bleed56
Mar 24, 2001 08:17	Over/Under Draw	BAXCSN303T12219	BLEED10
Mar 27, 2001 15:00	Over/Under Draw	BAXCSN303T12219	1423A657197
Mar 27, 2001 15:09	Over/Under Draw	BAXCSN303T12219	1423A657199
Mar 27, 2001 15:29	Over/Under Draw	BAXCSN303T12219	1423A657198
Mar 27, 2001 15:57	Over/Under Draw	BAXCSN303T12219	1423A657189
Mar 27, 2001 16:30	Over/Under Draw	BAXCSN303T12219	1423A657184
Mar 27, 2001 16:40	Over/Under Draw	BAXCSN303T12219	1423A657183

Open System Messages

Fig. 69

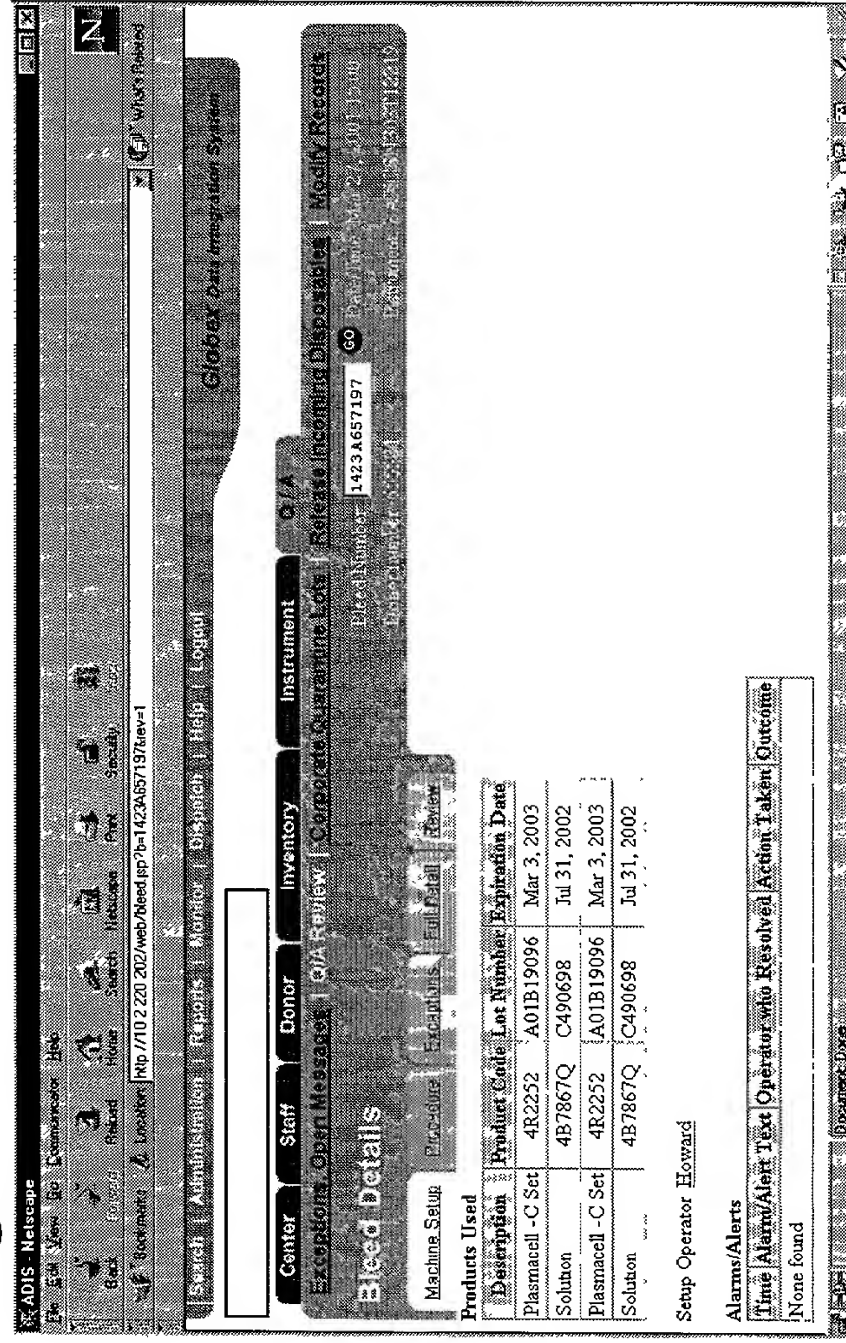
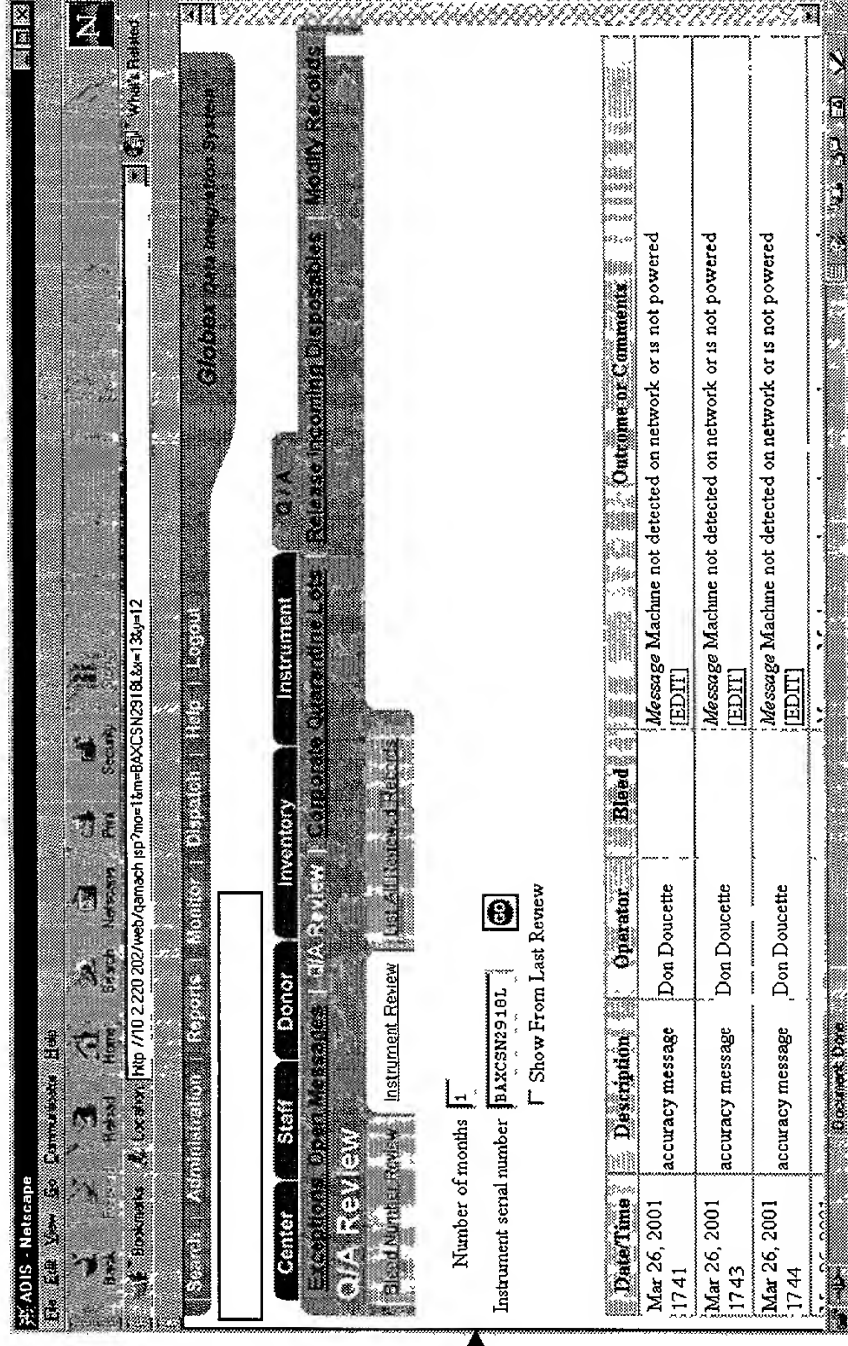
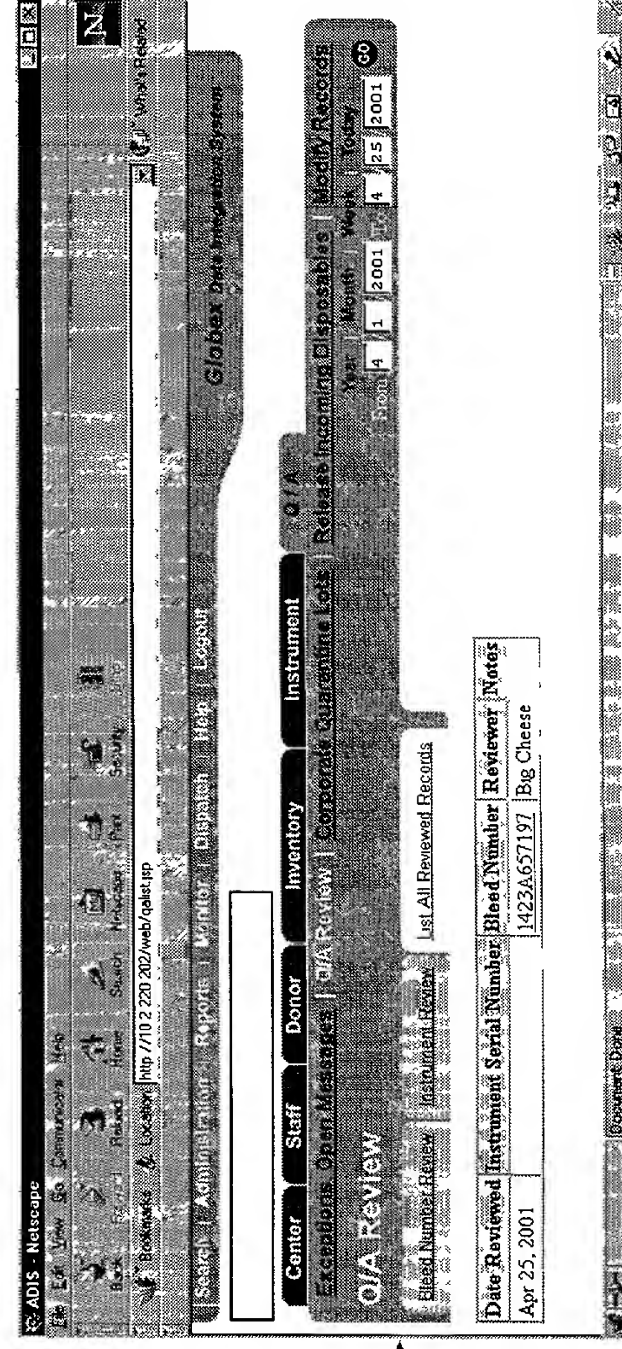


Fig. 70



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Fig. 71



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Fig. 72

ADIS - Netscape

File Edit View Go Database Help

Back Forward Reload Home Search Netscape Print Security

http://102.220.202/web/qc/qc101.jsp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument Q/A

Exceptions Open Messages Q/A Review Corporate Quarantine Lots Release Incoming Disposables Modify Records

Corporate Quarantine Lots

View lots on quarantine Print Quarantine

Lots Currently On Quarantine

Lot	Product Code	Date Put On Hold	Put On Hold By	Reason
10A01B19096	4R2256	Apr 12, 2001	null	
10A99A99999	4R2252	Mar 27, 2001	null	EXCESSIVE KINKS
A99Z99999	4R9999	Mar 30, 2001	null	just a test
BVFFG7GBGI YIFULHJ		Apr 11, 2001	null	KGLJUV

Lots Ever On Quarantine

Lot	Product Code	Date Put On Hold	Put On Hold By	Reason
10A99A99999	4R2252	Mar 27, 2001	null	EXCESSIVE KINKS
A99Z99999	4R9999	Mar 30, 2001	null	just a test
A99Z00001	4R2252	Apr 4, 2001	null	TEST
A99Z00000	4R9999	Apr 4, 2001	null	TEST
27771881919	4R2252	Apr 11, 2001	null	I DIDNT LIKE IT
123212Q23	452454	Apr 11, 2001	null	12
10A01B19096	4R2256	Apr 12, 2001	null	4R

Fig. 73

Search

Location: all data

Setup

Monitor

Dispatch

Help

Logout

Apheresis Data Management System

Company Center ABCD

Center OperatorDonorInventory InstrumentQ/A

ExceptionsQ/A ReviewCorporate Quarantine LotsRelease Incoming DisposablesModify Records Bleed Number or Instrument

Corporate Quarantine Lots

View lots on quarantinePut lot on quarantine

Enter Lot Number:

Enter Product Code:

Enter Reason:

Enter User ID:

Enter password:

OK

Fig. 74

ADIS - Netscape

Back Forward Home Search Reload Print Stop

http://10.2.220.202/web/qggoodlet.jsp

Search Administration Reports Monitor Dispatch Help Logout

Center Staff Donor Inventory Instrument

Exceptions Open Messages e/a Review Corporate Donor In Lots Release Incoming Disposables Modify Records

Year: 1 2001 Month: 1 Day: 4 Today

Release Incoming Disposables

View Released Lots

Product Code	Lot Number	Exp. Date	Quantity	Date Received	Date Released	Who Released	Notes
4R2256	A00A12345	Feb 2, 2005	1000	Mar 1, 2001	Mar 1, 2001	Big Cheese	Deleted By Big Cheese on 3/2/01 4 24 PM
4R2441	V00101N1	Mar 9, 2001	250	Mar 1, 2001	Mar 1, 2001	Big Cheese	Delete
4R2067	GR154229	Jan 1, 2005	100	Mar 1, 2001	Mar 1, 2001	Big Cheese	Delete
2b1323n	6477943a	Feb 1, 2005	24	Mar 1, 2001	Mar 1, 2001	Big Cheese	Delete
4R2252	A01A17084	Mar 1, 2031	60	Mar 1, 2001	Mar 1, 2001	Big Cheese	Delete
4B7889Q	C4B2034	Feb 5, 2002	100	Mar 5, 2001	Mar 5, 2001	Big Cheese	Delete
4R2252	A01A17084	Mar 1, 2031	100	Mar 5, 2001	Mar 5, 2001	Big Cheese	Delete
4R2067	GR154229	Jan 5, 2005	100	Mar 5, 2001	Mar 5, 2001	Big Cheese	Delete
2B1323Q	C477943A	Feb 2, 2004	100	Mar 5, 2001	Mar 5, 2001	Big Cheese	Delete
4R2441	V00101N1	Sep 1, 2003	250	Mar 5, 2001	Mar 5, 2001	Big Cheese	Delete
4R2088	A00J22293	Feb 2, 2002	96	Mar 7, 2001	Mar 7, 2001	Big Cheese	Deleted By Don Doucette on 2001-Mar-28
4R2252	A01B19096	Mar 3, 2003	60	Jan 1, 2001	Jan 1, 2001	Kok-Hwee Ng	Delete

Document One

Fig. 75

ADIS - Netscape

File Edit View Go Search Engine Help

Back Forward Reload Home Search Netscape Print Security

http://10.2.220.202/web/gggoodinnew.jsp

Search Administration Reports Monitor Dispatch Help Logout

Glober Disposition System

Center Staff Donor Inventory Instrument C/A

Exceptions Open Messages C/A Review Corporate Quarantine Lots Release Incoming Disposables Monthly Records

Release Incoming Disposables

View Released Lots

Enter Product Code

Enter Lot Number

Expiration Date (mm/dd/yyyy)

Received Date (mm/dd/yyyy)

Quantity (N units)

Sterilization Certificate C Y N

Directions for use C Y C N N/A

Enter Logon ID

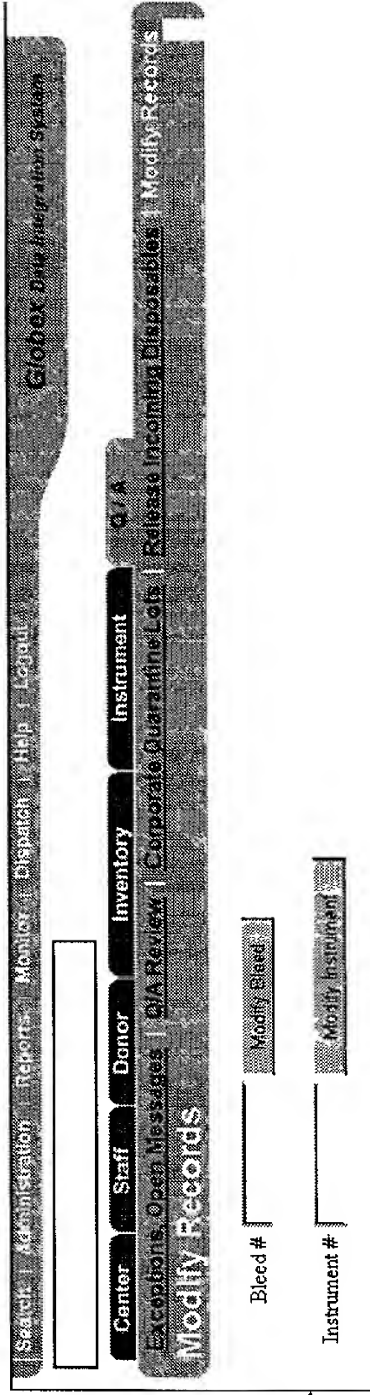
Enter Password

Submit

You must use the user ID and password of the currently logged on user.

Document Data

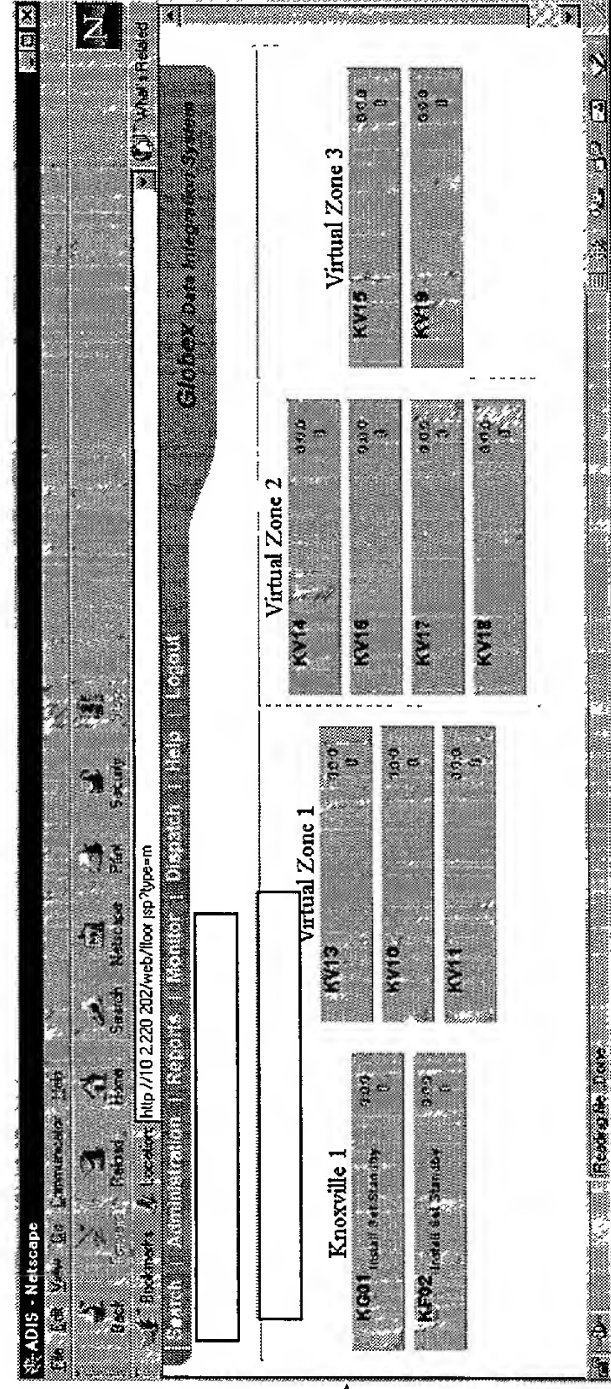
Fig. 76



230



Fig. 77



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Fig. 77a

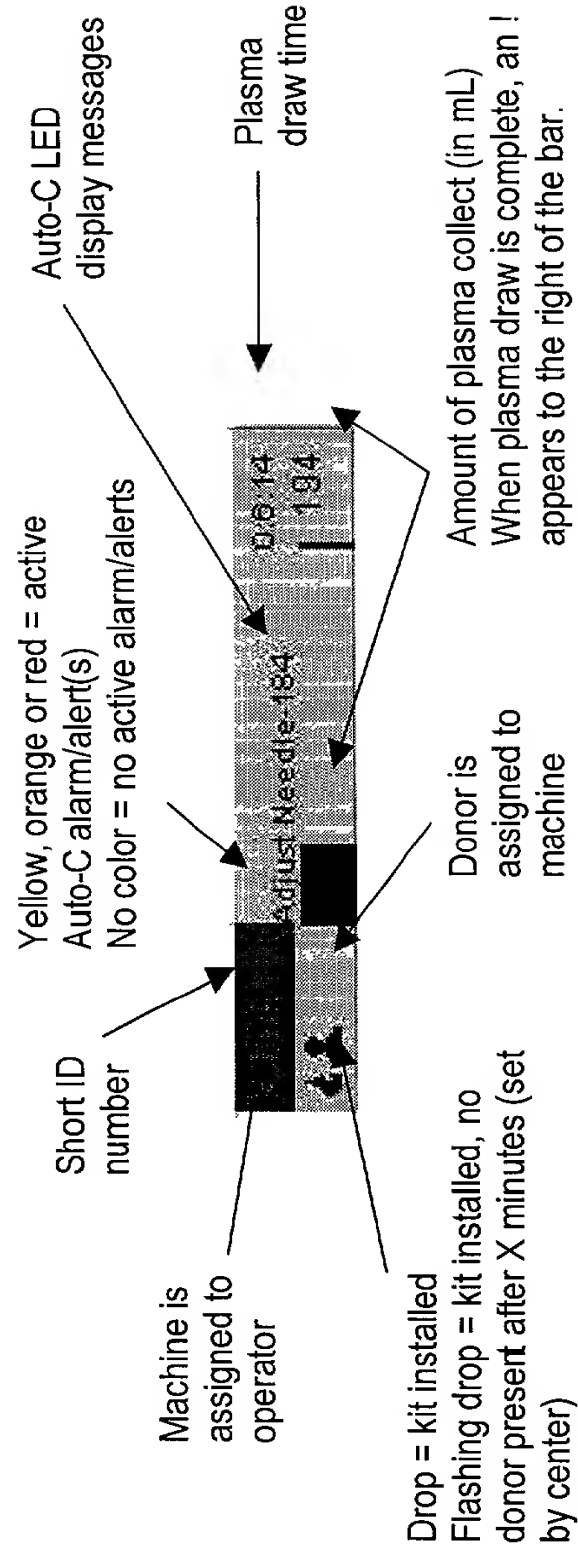
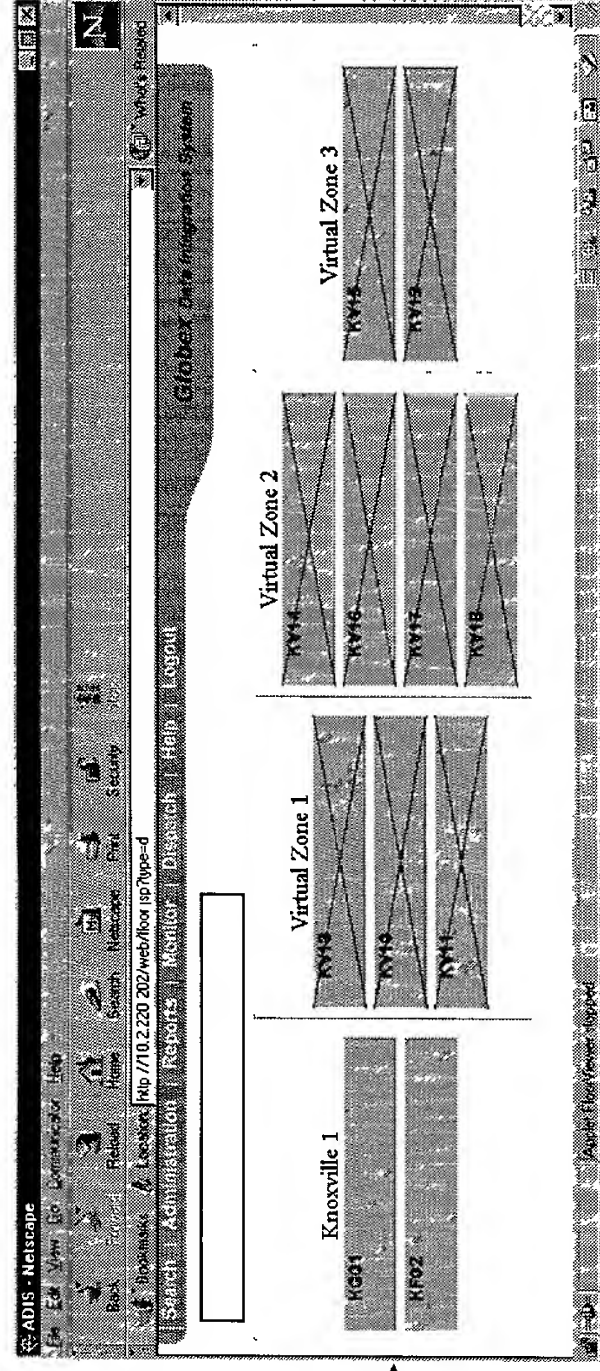


Fig. 78



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Fig. 78a

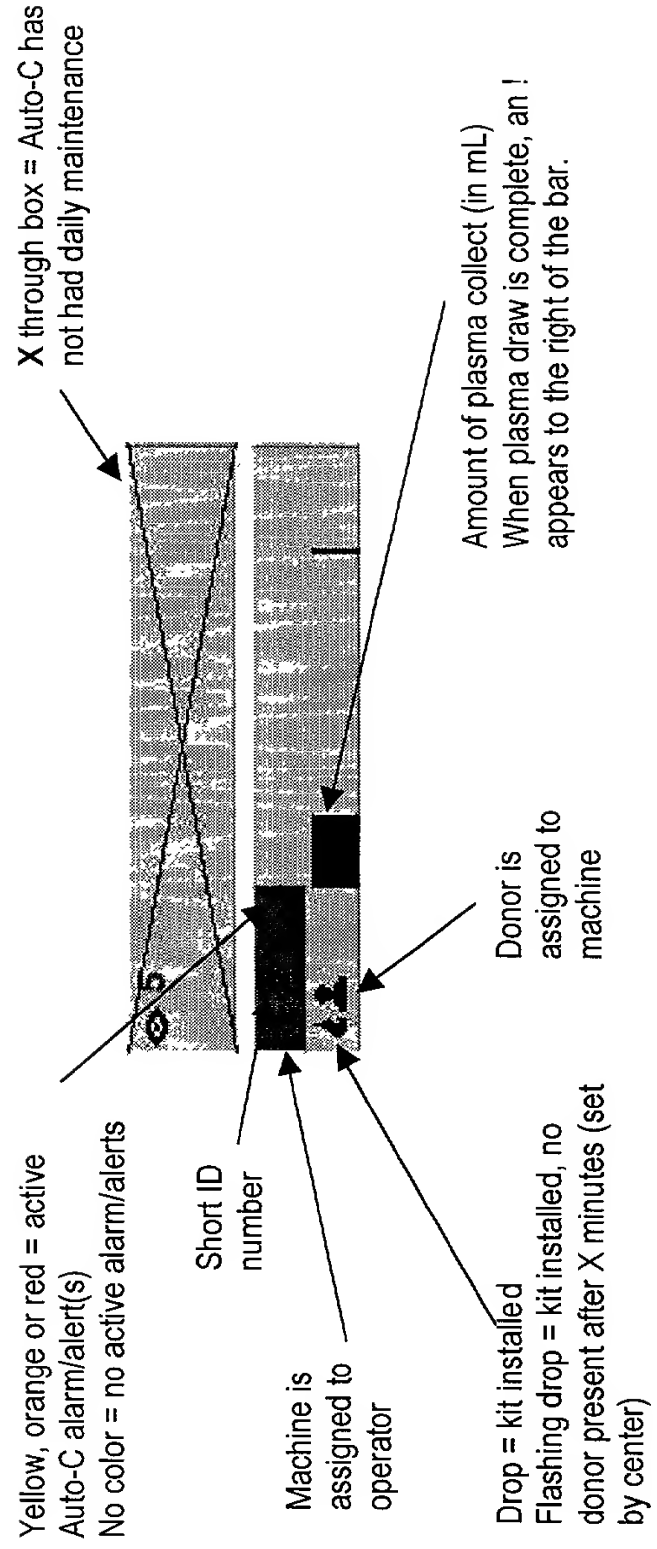


Fig. 79

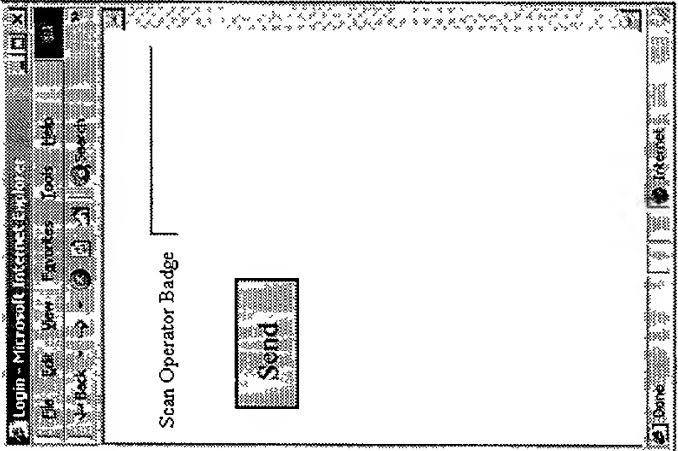


Fig. 80

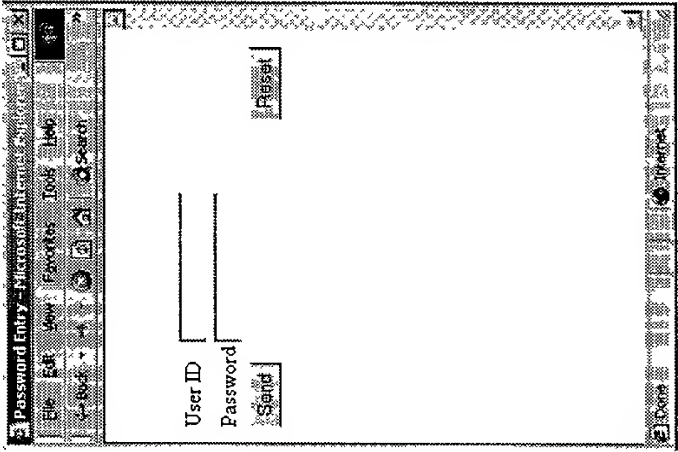


Fig. 81

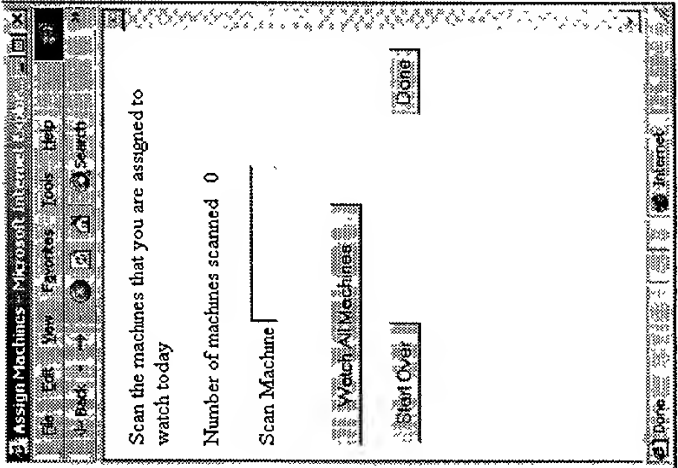


Fig. 82a

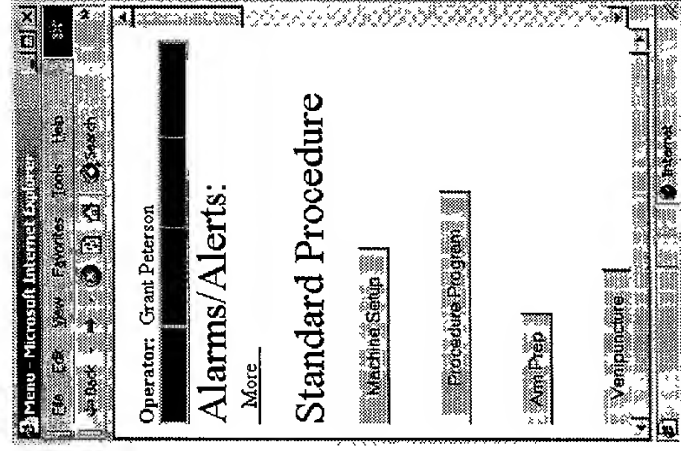


Fig. 82b

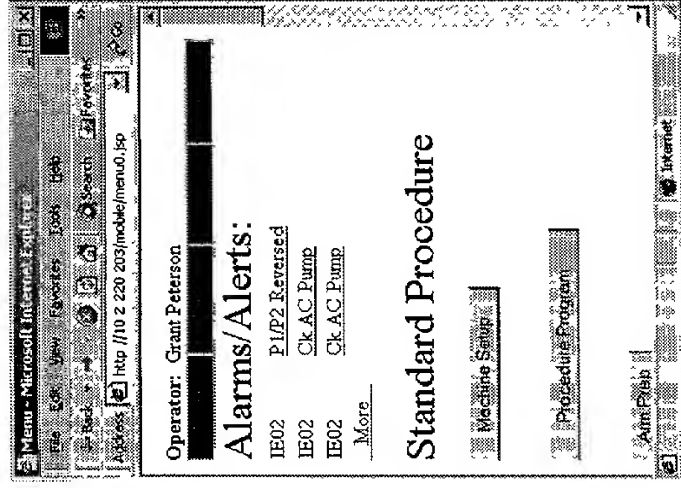


Fig. 82c

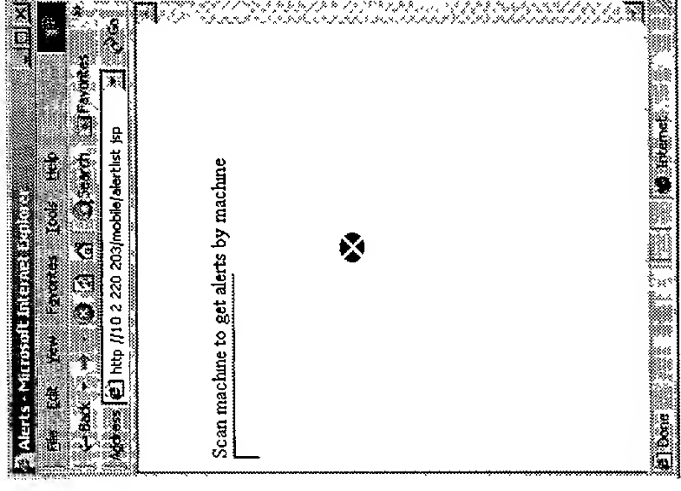


Fig. 82d

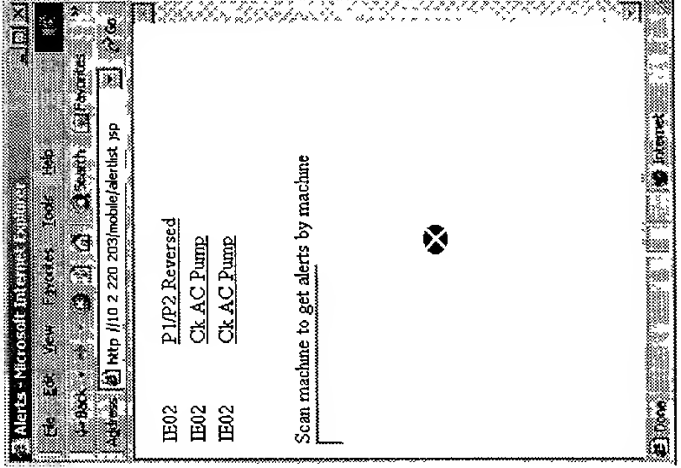


Fig. 82e

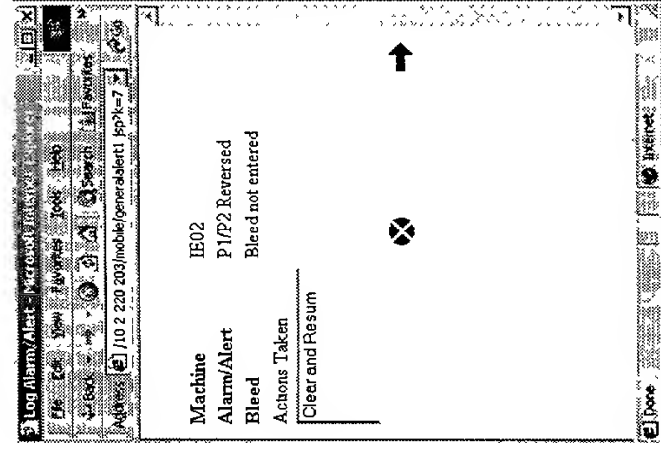


Fig. 82f

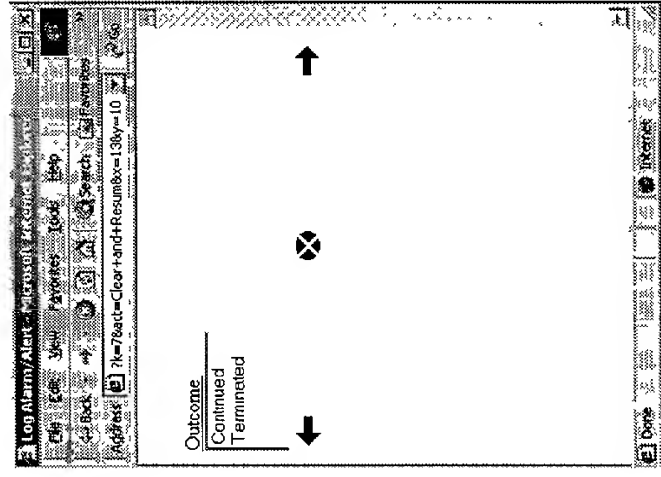


Fig. 82f

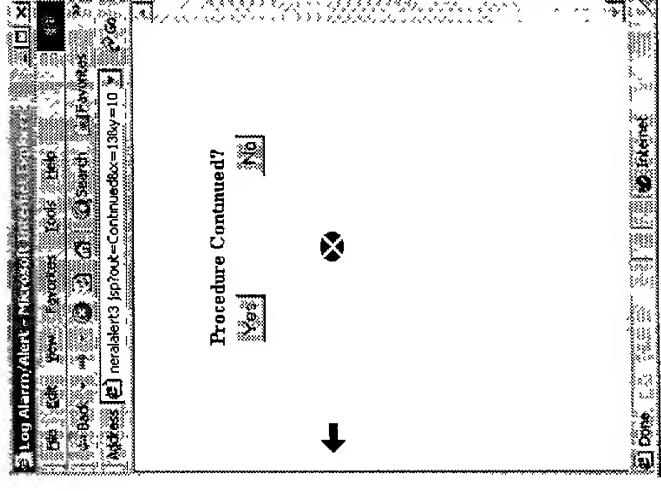


Fig. 82g

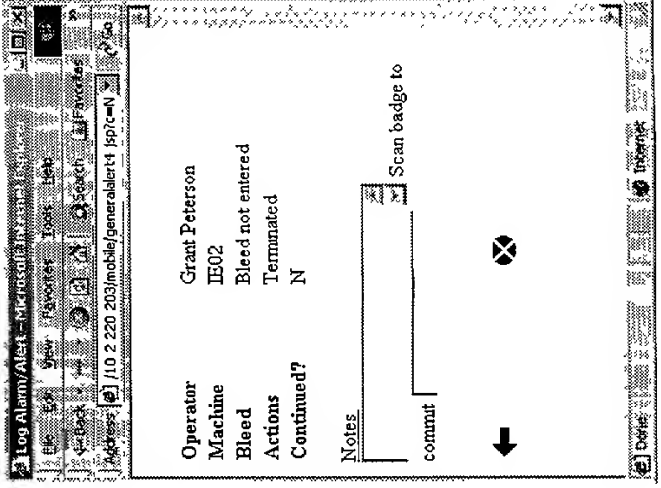


Fig. 83a

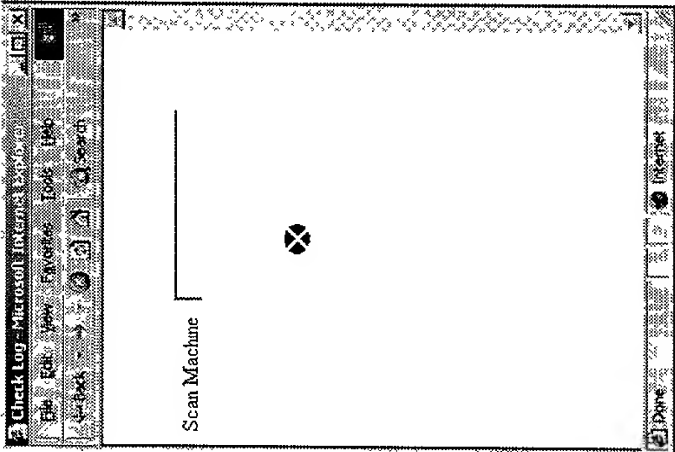


Fig. 83b

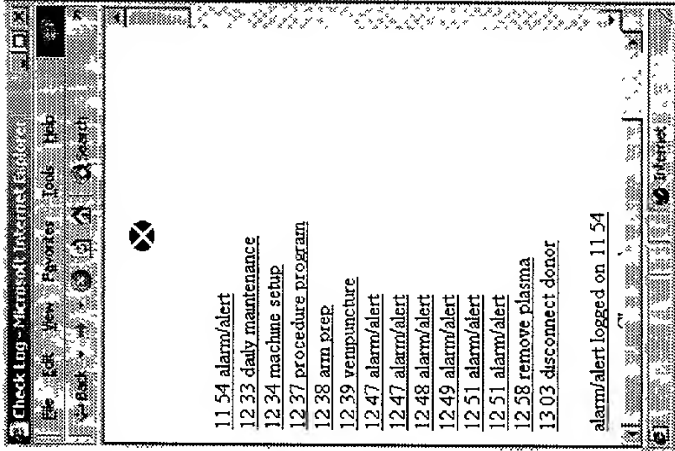


Fig. 84

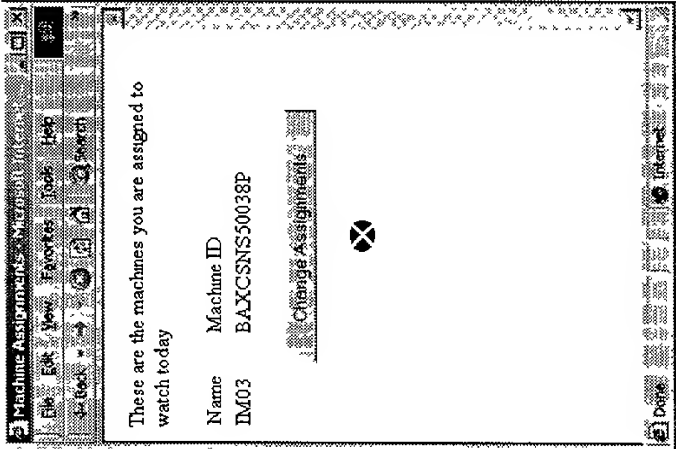


Fig. 85a

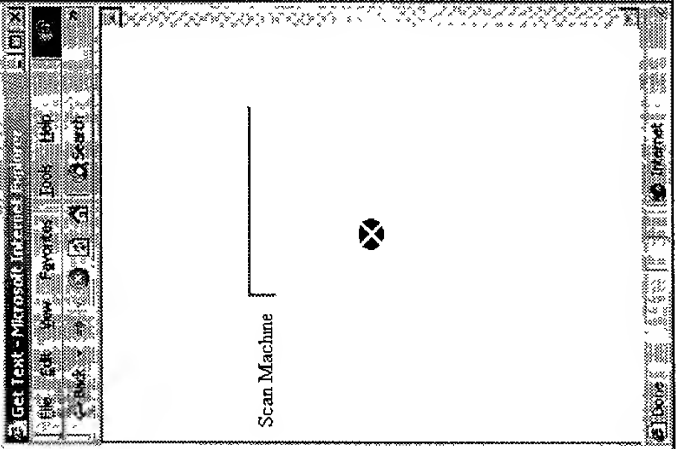


Fig. 85b

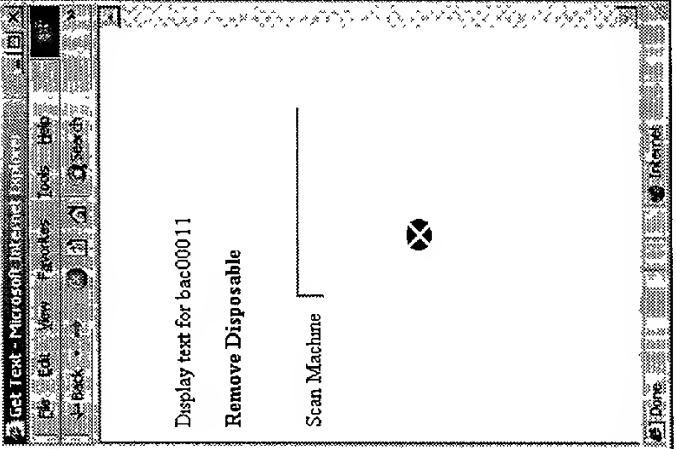


Fig. 86

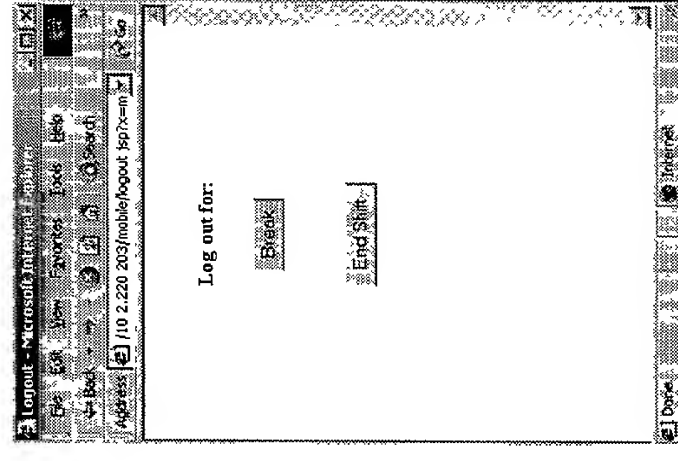


Fig. 87a

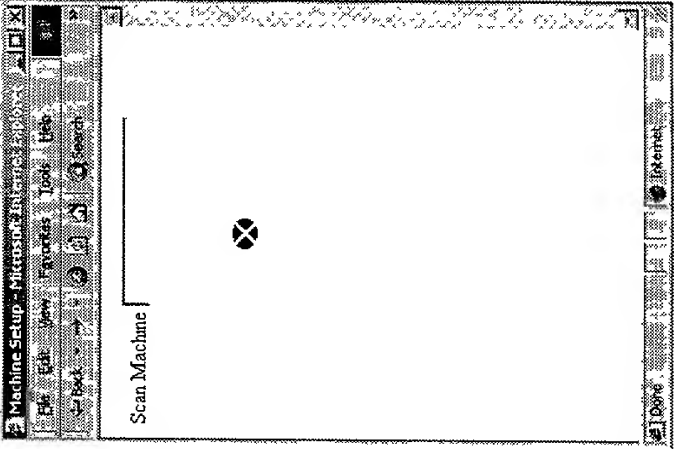


Fig. 87b

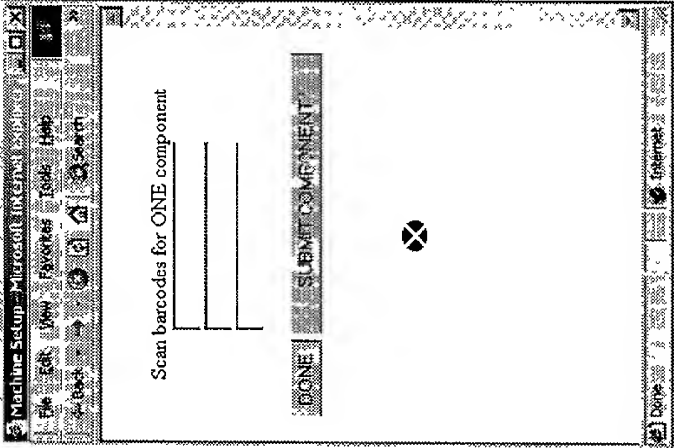


Fig. 87c

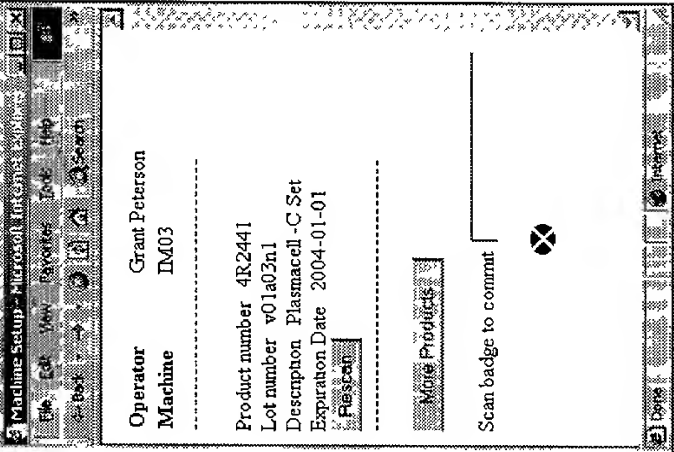


Fig. 88a

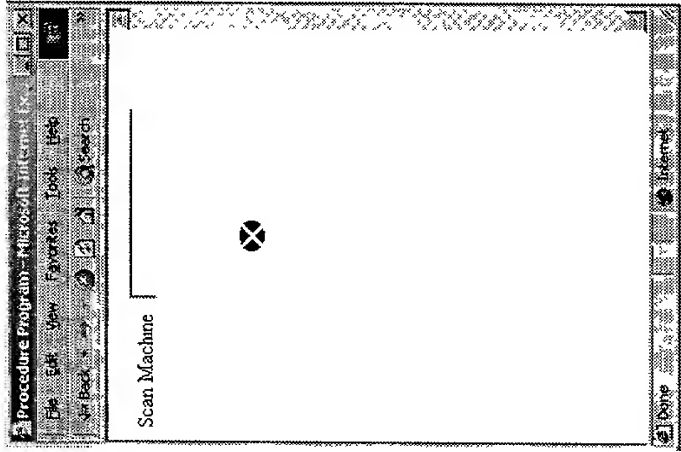


Fig. 88b

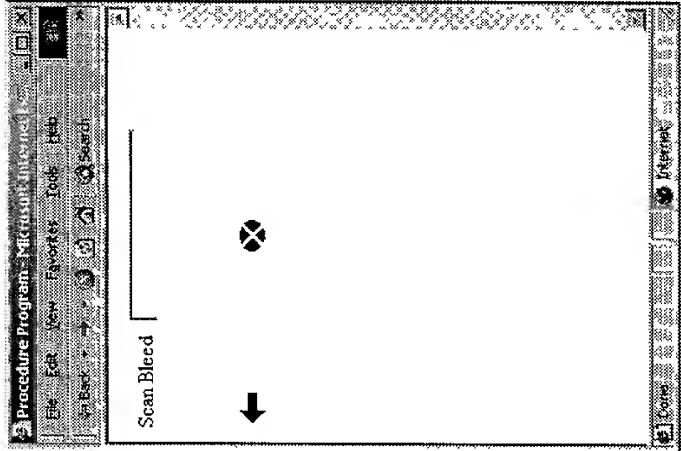


Fig. 88c

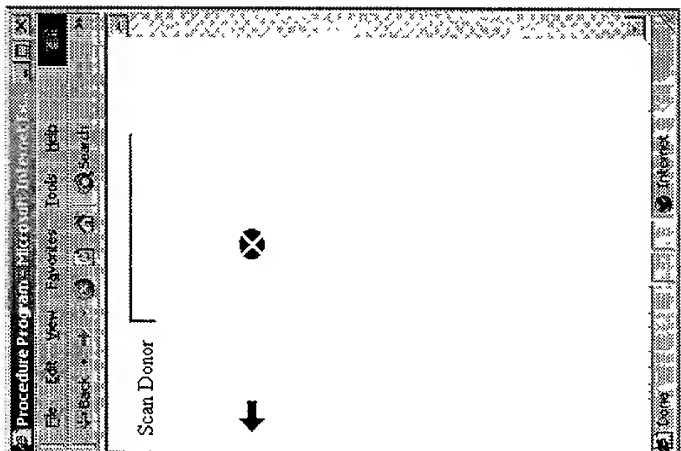


Fig. 88d

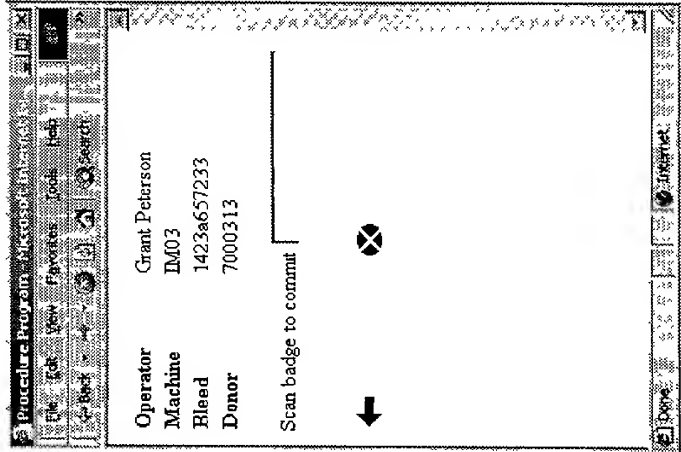


Fig. 88e

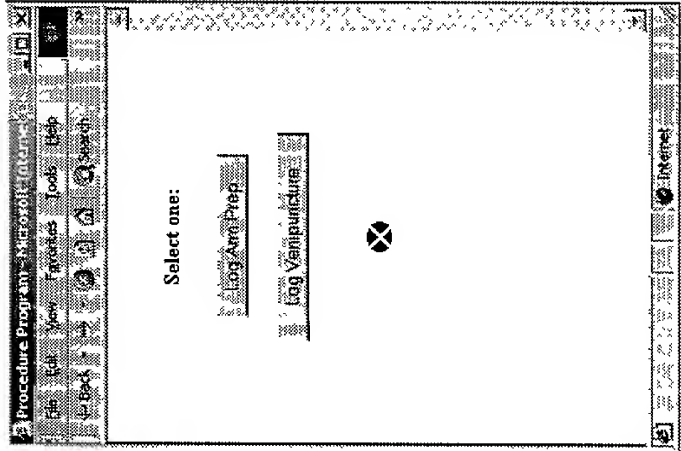


Fig. 89a

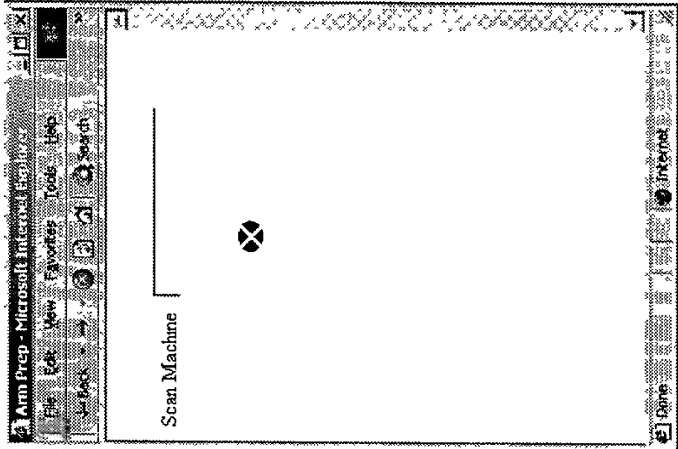


Fig. 89b

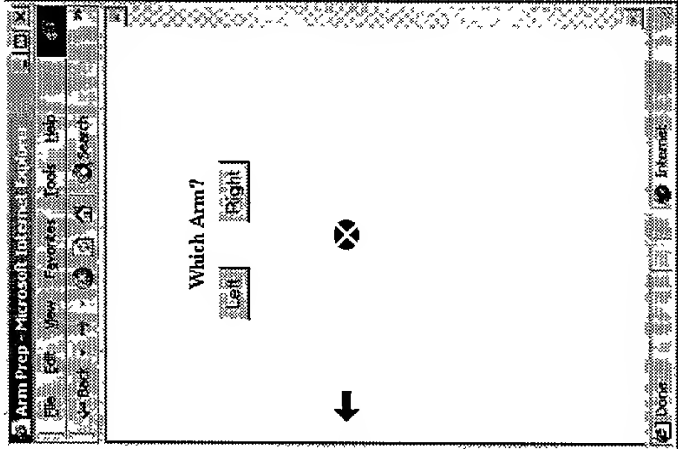


Fig. 89c

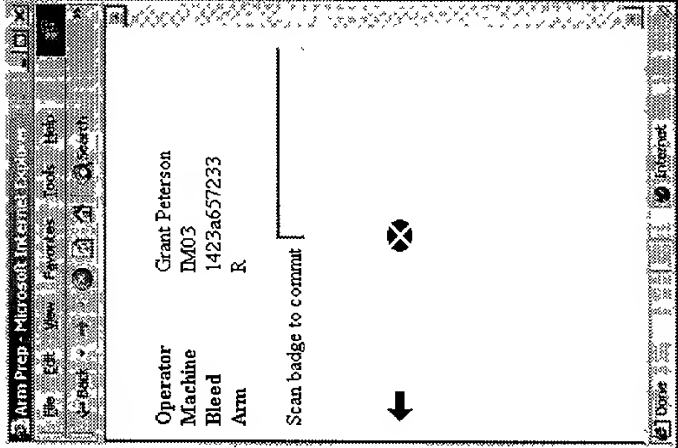


Fig. 89d

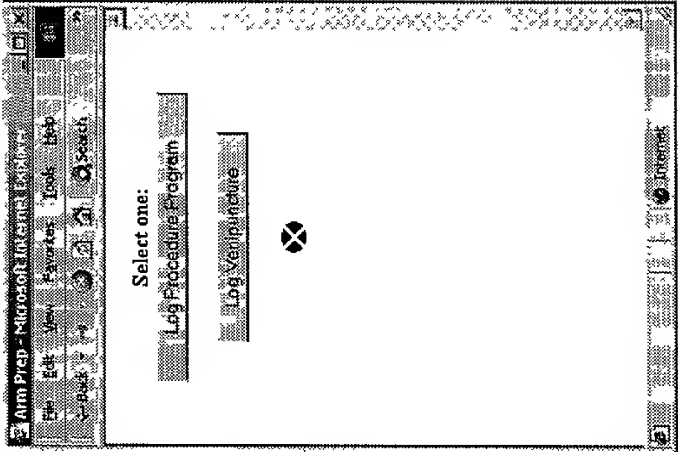


Fig. 90a

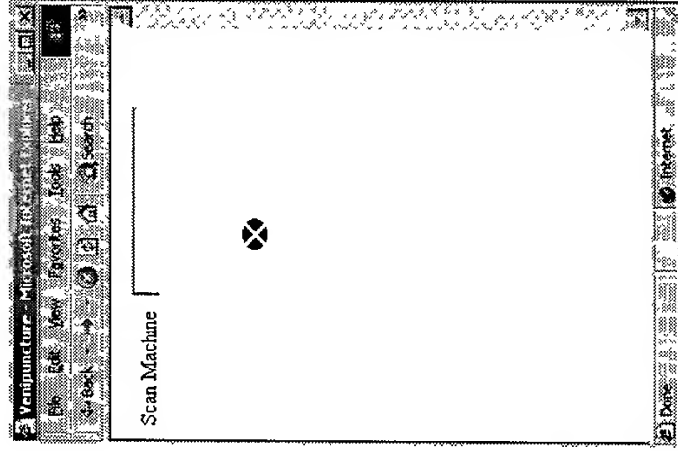


Fig. 90b

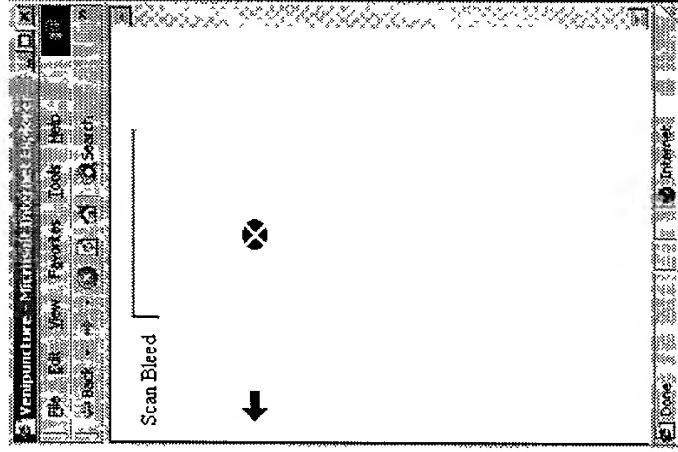


Fig. 90c

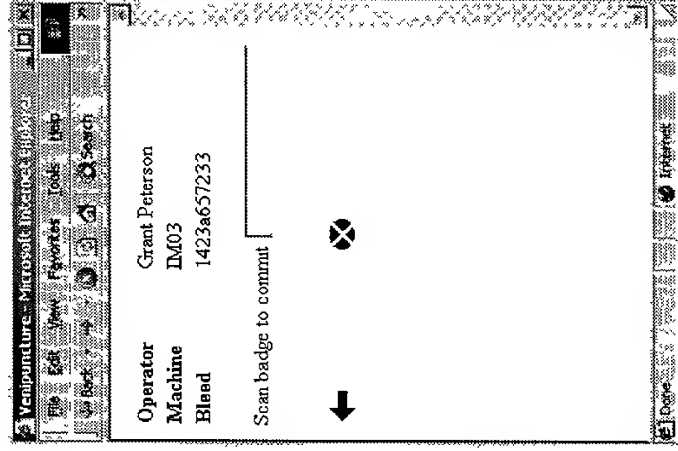


Fig. 90d

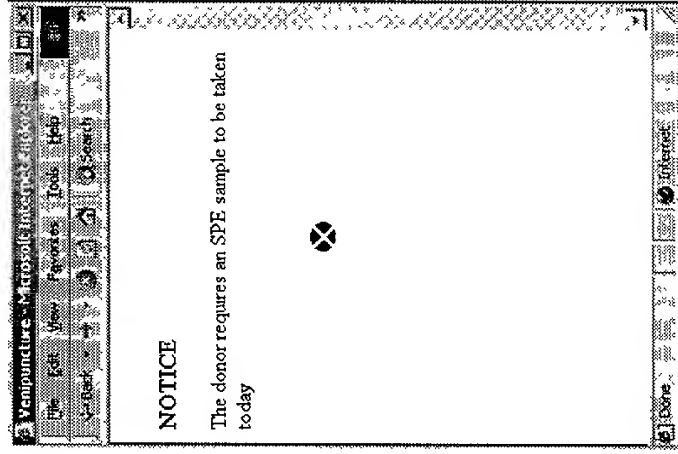


Fig. 91a

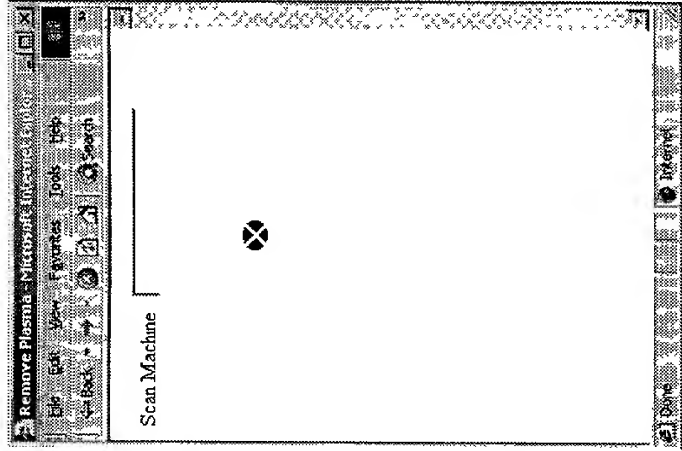


Fig. 91b

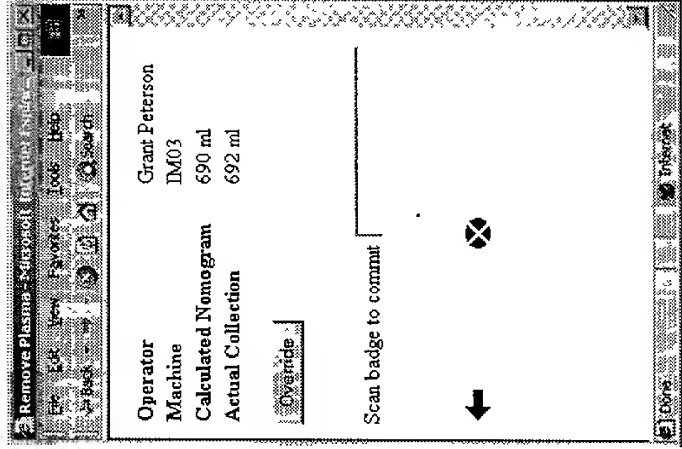


Fig. 91c

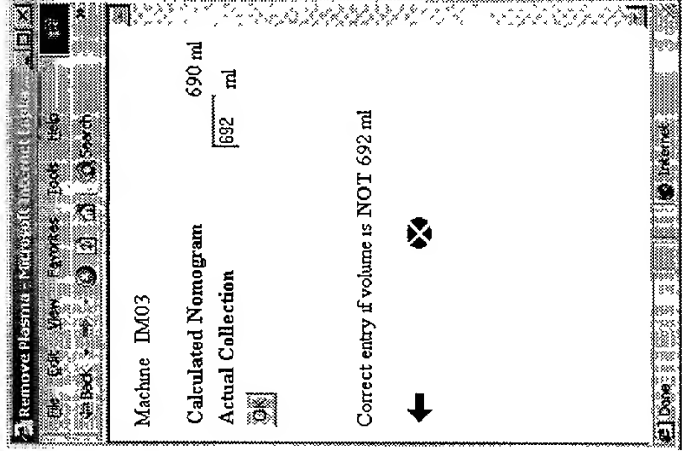


Fig. 91d

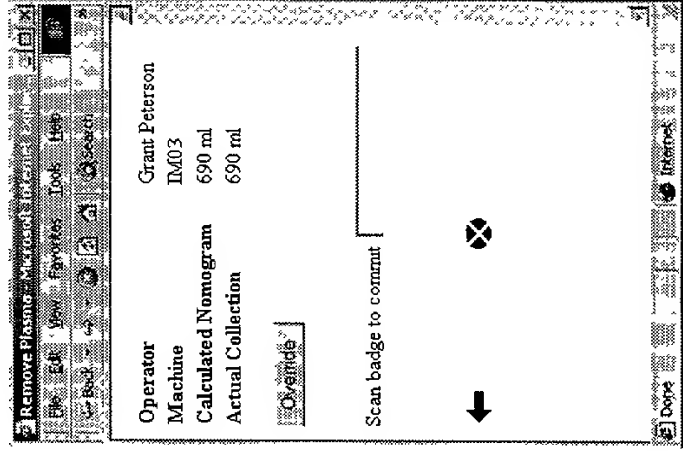


Fig. 91e

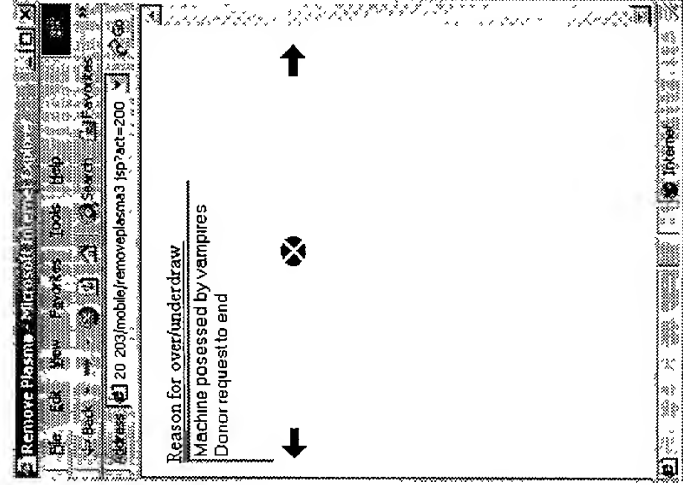


Fig. 92a

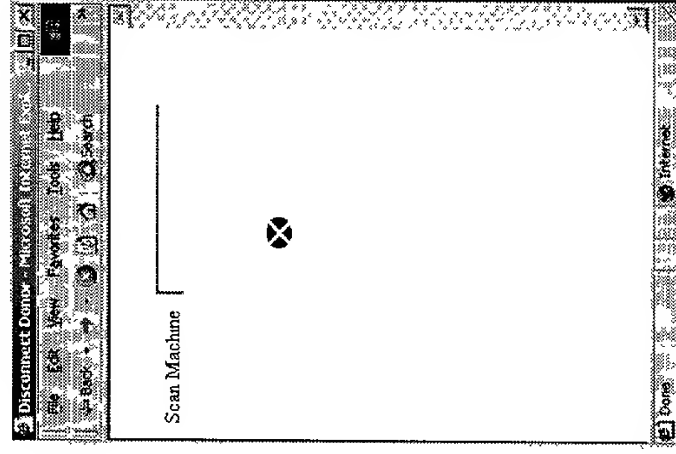


Fig. 92b

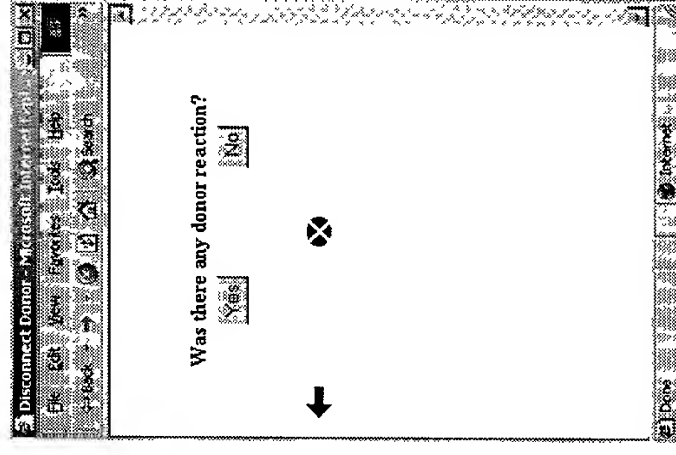


Fig. 92c

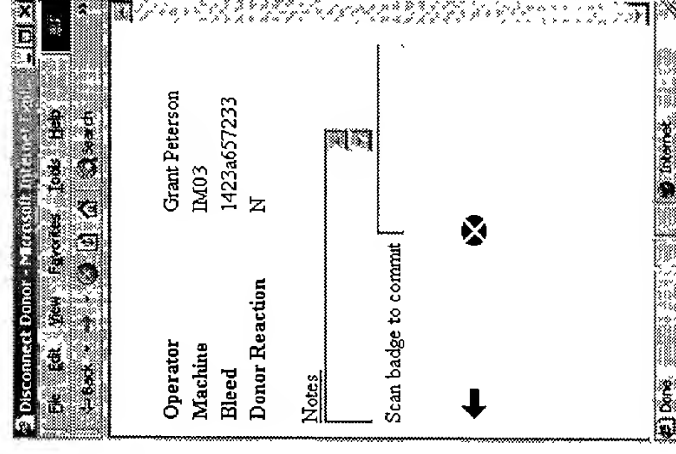


Fig. 93a

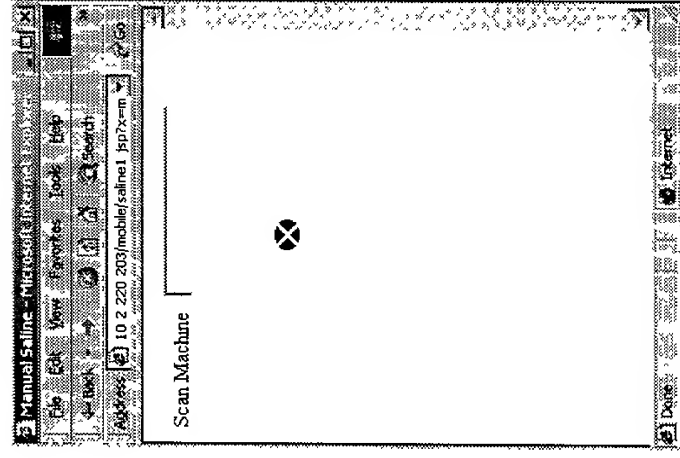


Fig. 93b

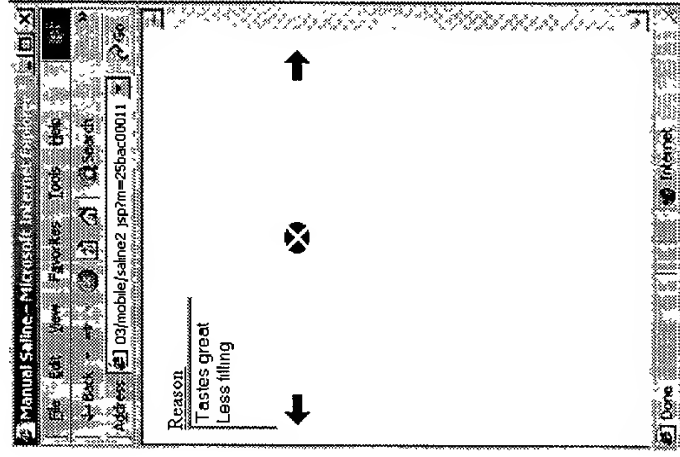


Fig. 93c

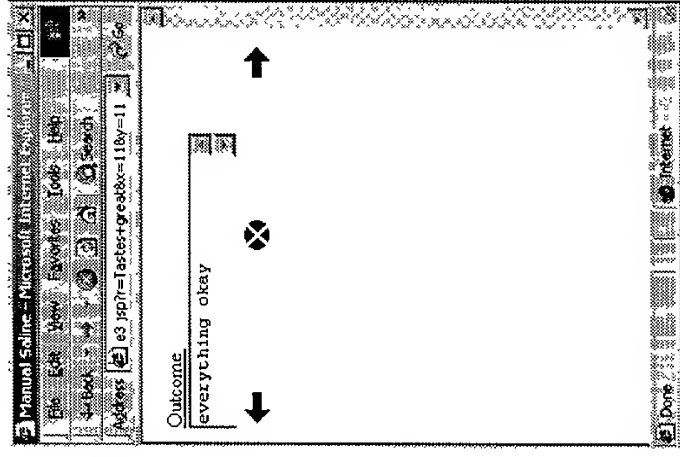


Fig. 93d

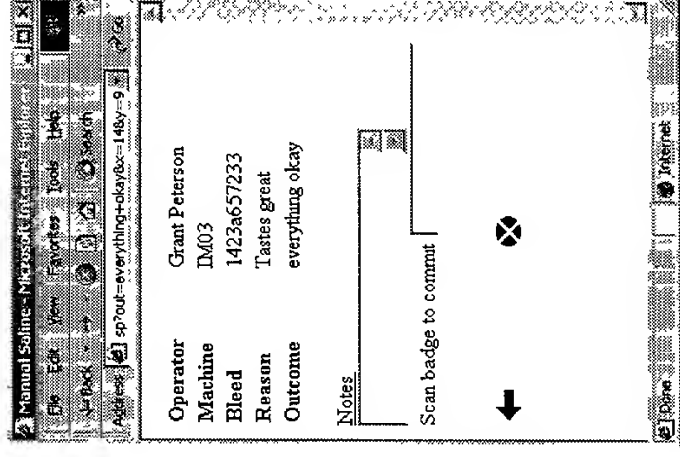


Fig. 94a

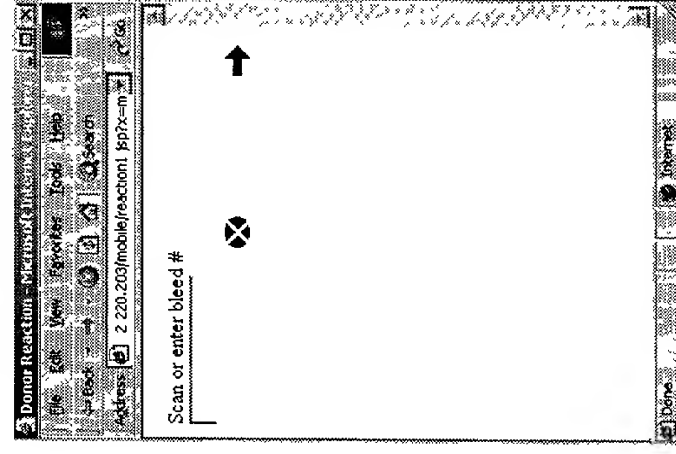


Fig. 94b

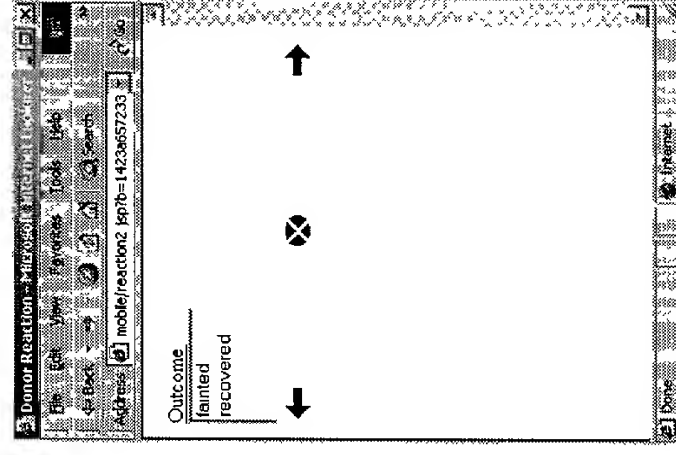


Fig. 94c

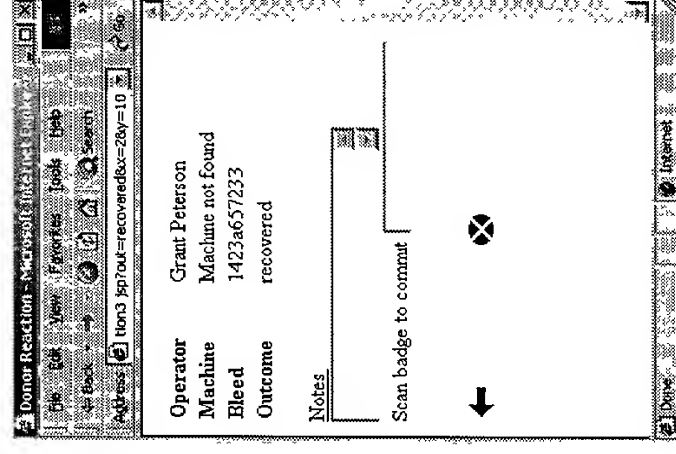


Fig. 95a

RESYNC	RESYNC	RESYNC
Scan bleed _____	Scan donor _____	Operator: Sally Mae Machine 14 Bleed 178312837 Donor 238728
Cancel .	Previous Cancel	Scan badge to commit: _____ Previous Cancel

Fig. 95b

Fig. 95c

Fig. 96a

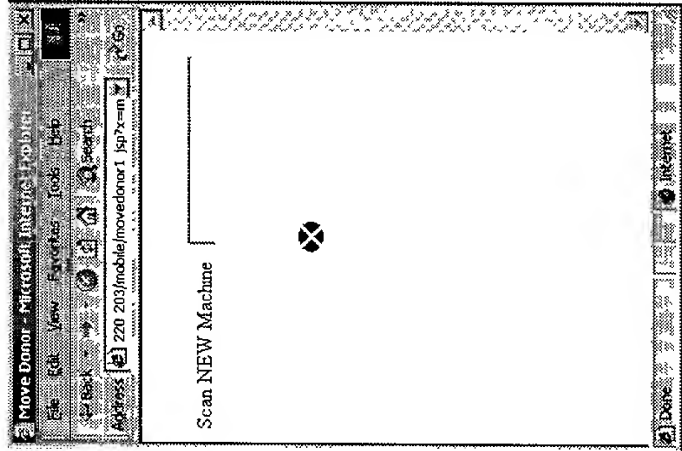


Fig. 96b

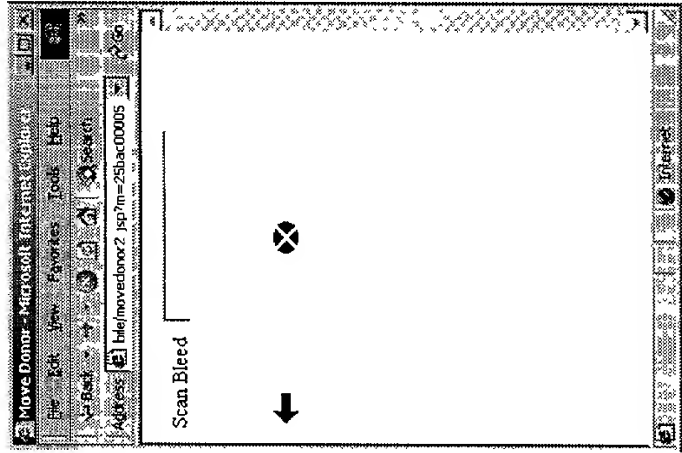


Fig. 96c

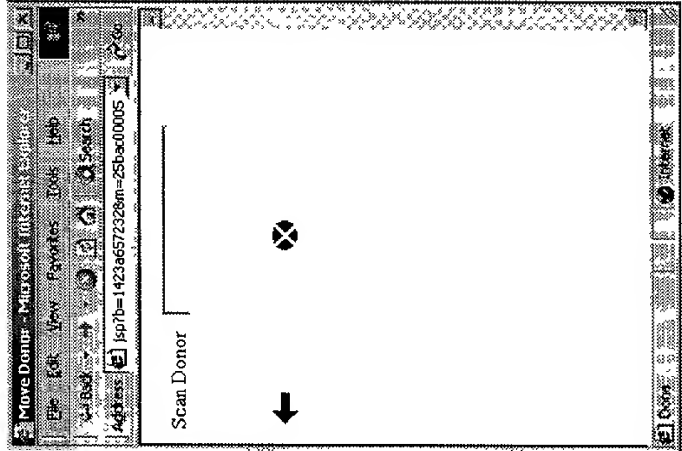


Fig. 96d

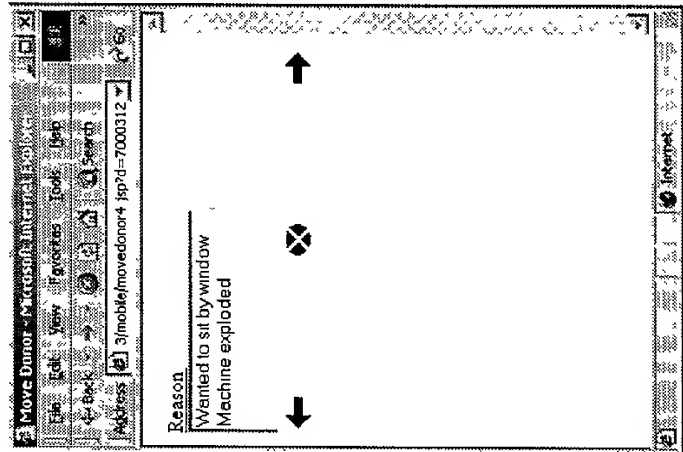


Fig. 96e

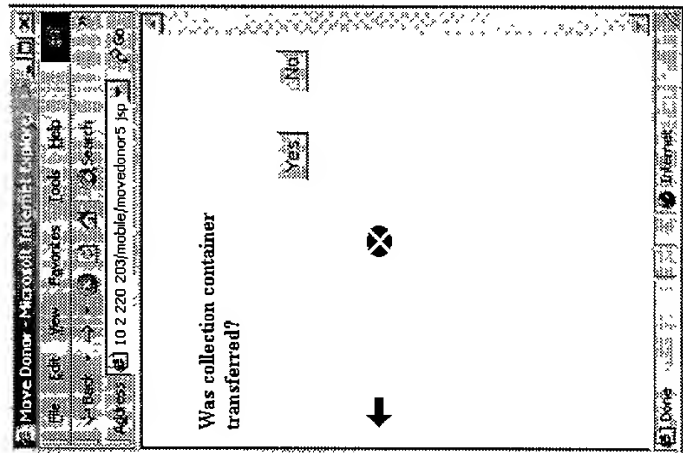


Fig. 96f

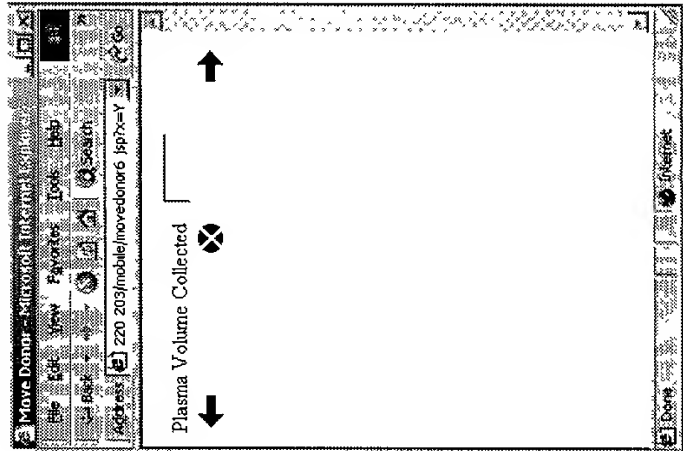


Fig. 96g

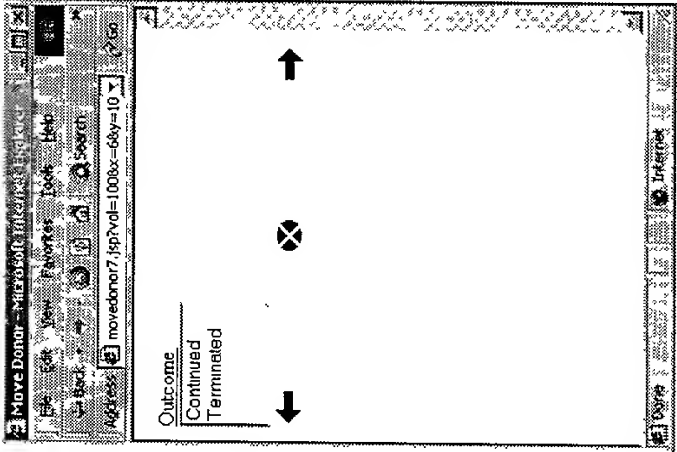


Fig. 96h

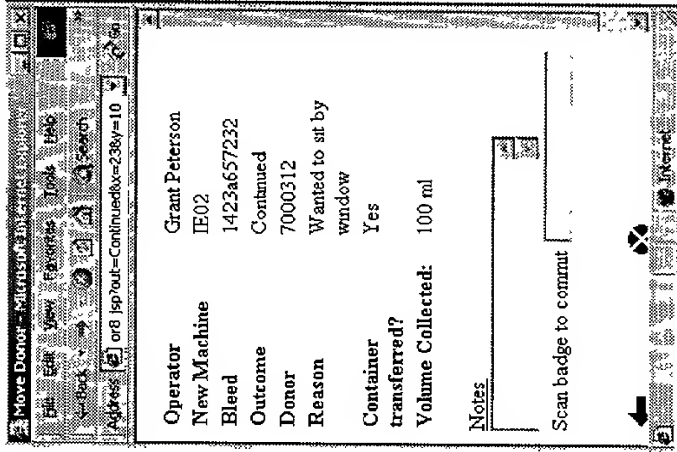


Fig. 96i

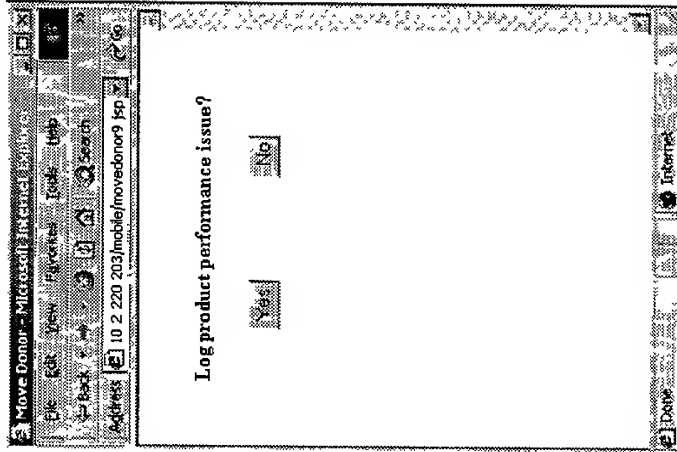


Fig. 97a

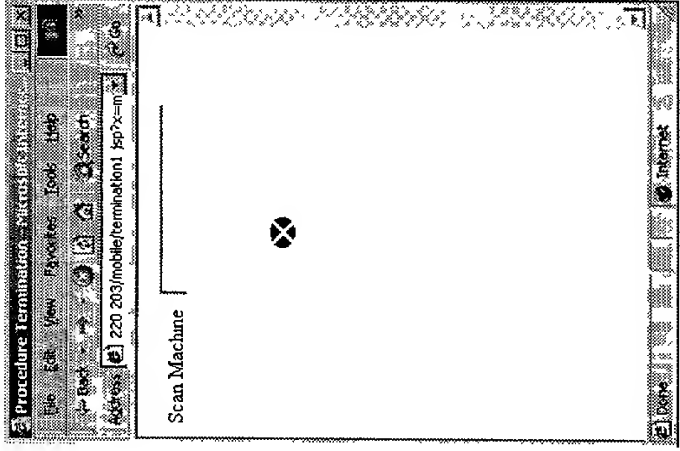


Fig. 97b

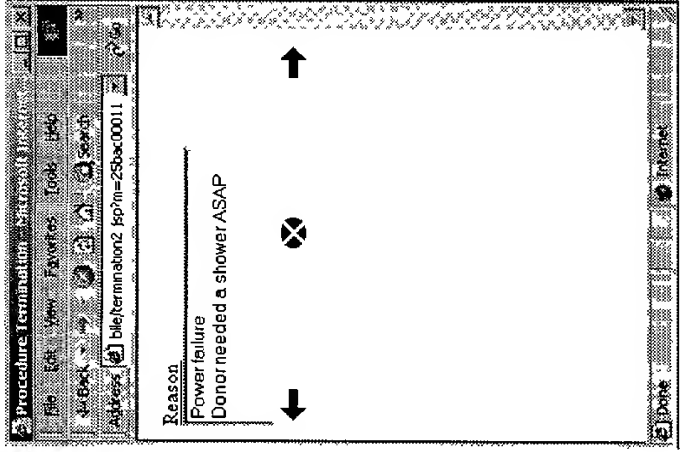


Fig. 97c

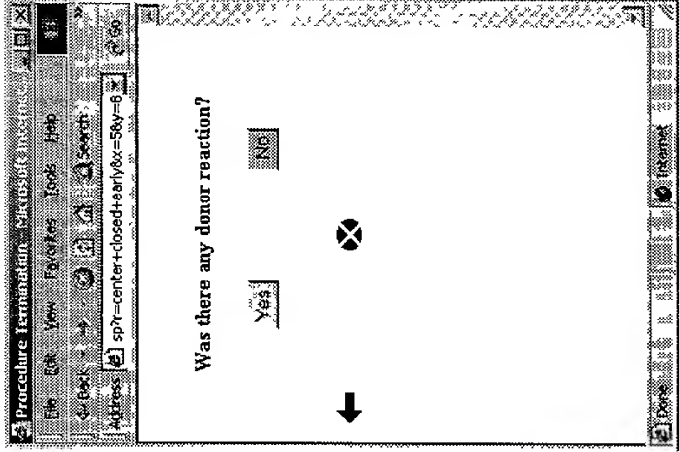


Fig. 97d

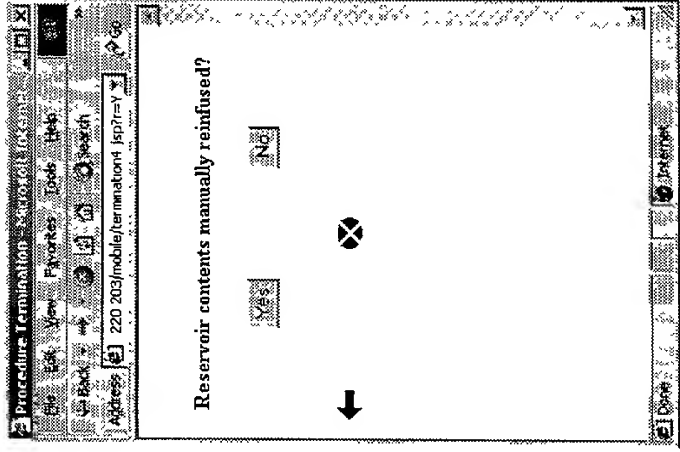


Fig. 97e

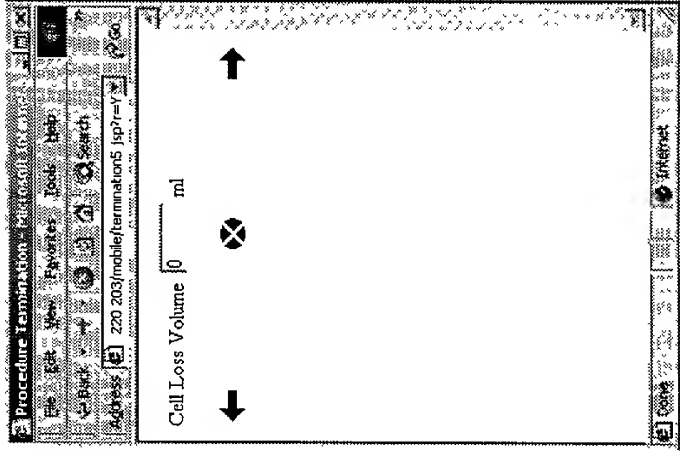


Fig. 97f

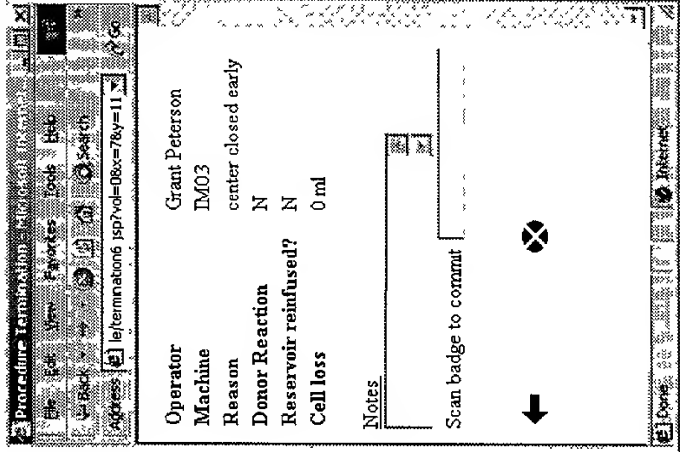


Fig. 98a

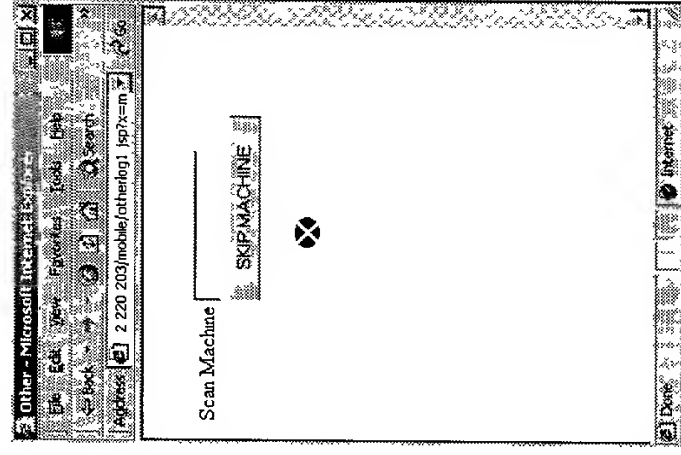


Fig. 98b

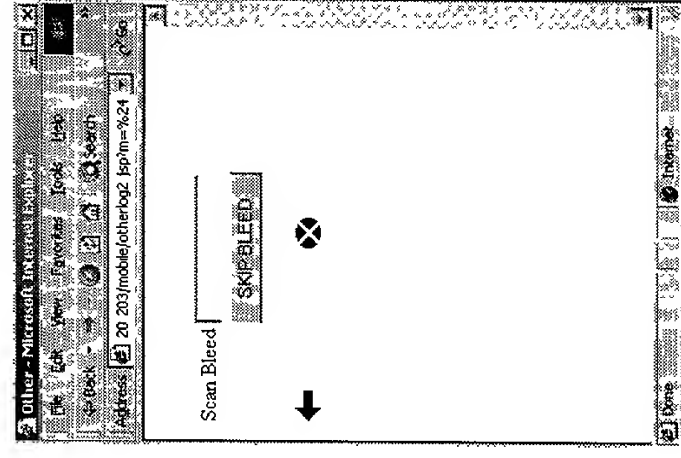


Fig. 98c

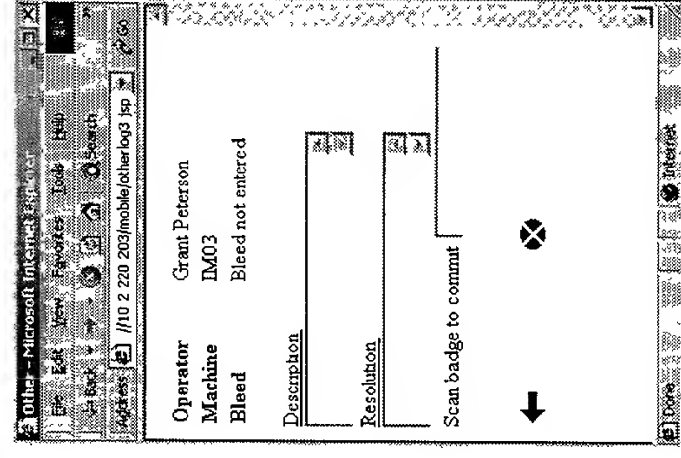


FIG. 99a is a screenshot of a Microsoft Internet Explorer window displaying a web page titled "Change Component". The page contains a form with a "Reason:" label and a text input field. Below the input field, there are three buttons: "Performance Issue", "Second Vampirism", and "Other". The "Performance Issue" button is highlighted. The browser's address bar shows "http://www.microsoft.com/...".

Fig. 99a

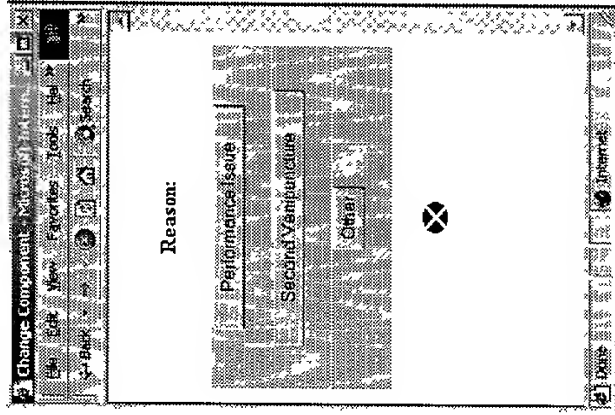


Fig. 99b

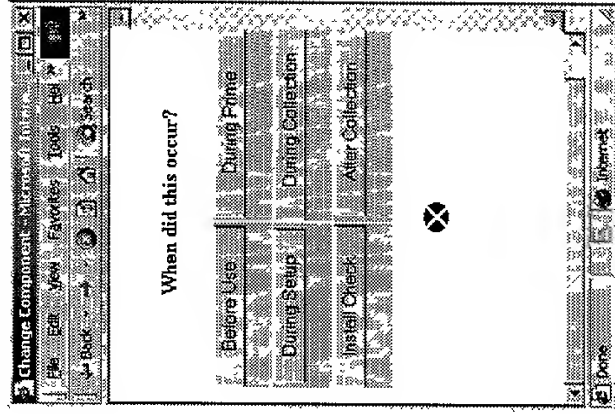


FIG. 99c

Fig. 99c

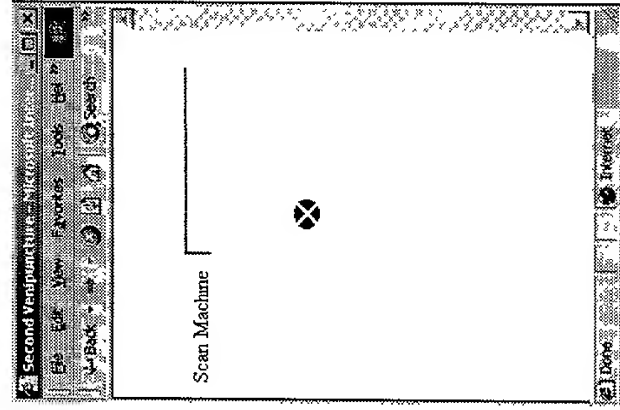


Fig. 99d

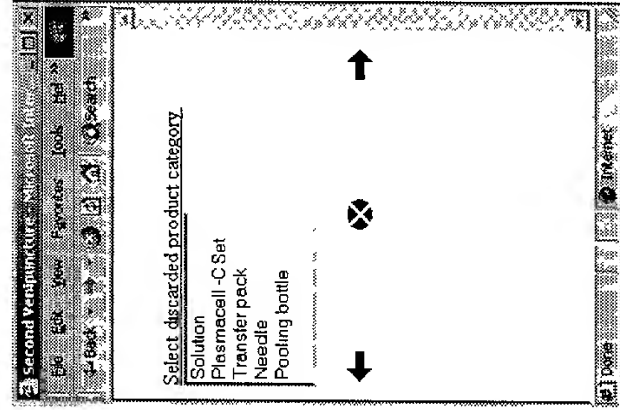


Fig. 99e

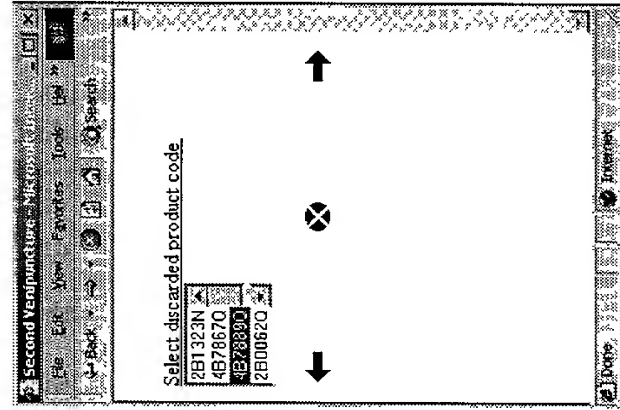


Fig. 99f

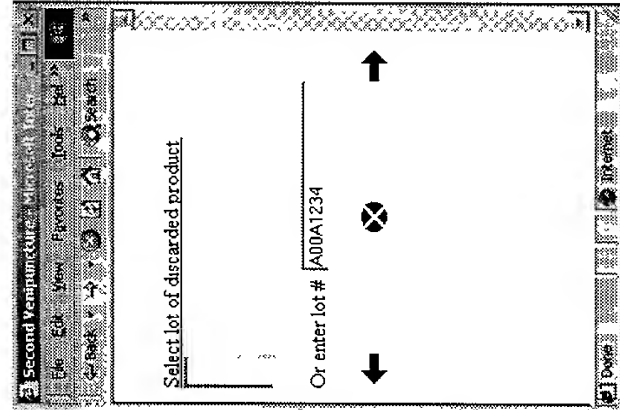


Fig. 99g

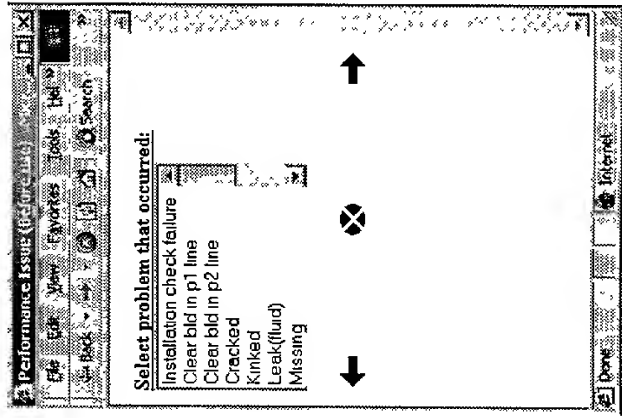


Fig. 99h

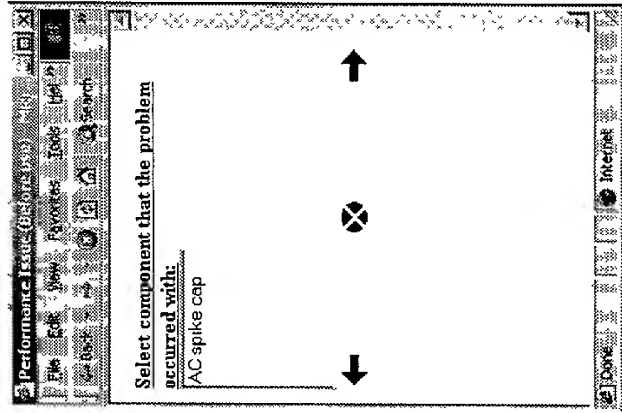


Fig. 99i

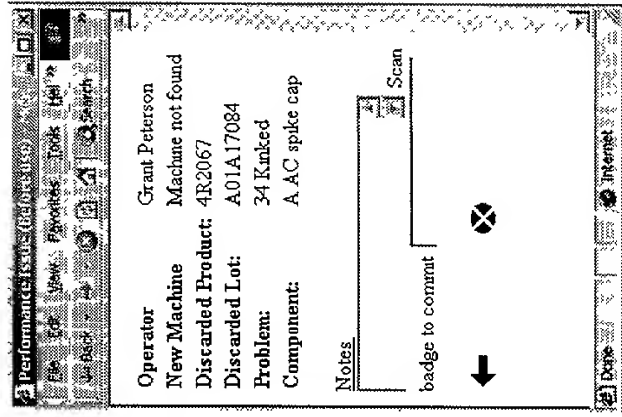


Fig. 99j

Enter videojet number:

OK

Previous

Cancel

Fig. 99k

Reason for change
Phlebotomy error
donor blood flow issue

Fig. 99l

Outcome
Continued

Fig. 99m

Operator
New Machine
Discarded Lot:
Reason:

Grant Peterson
IM03
A00A1234
Phlebotomy error

Notes

badge to commit

Scan

Fig. 99n

Scan barcodes for ONE component

DONE

SUBMIT COMPONENT

Fig. 99o

Was component replaced?

Yes

No

Fig. 100a

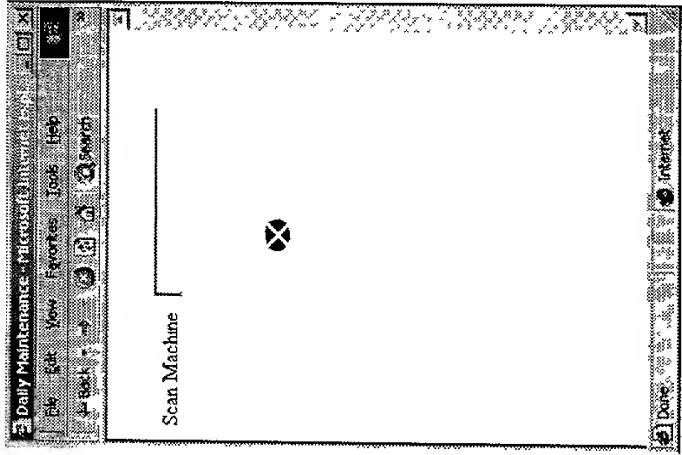


Fig. 100b

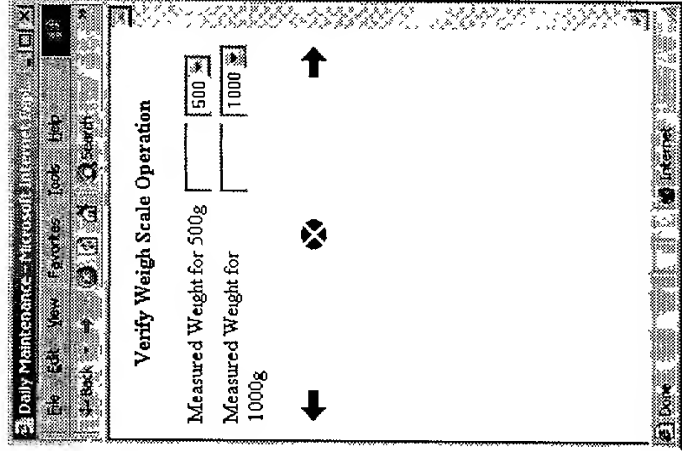


Fig. 100c

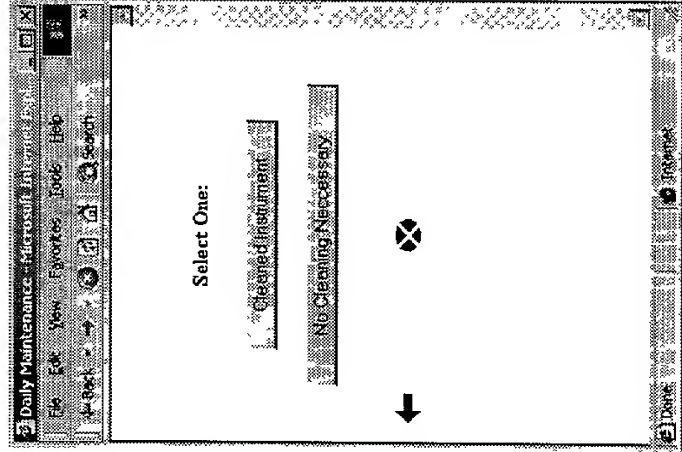


Fig. 100d

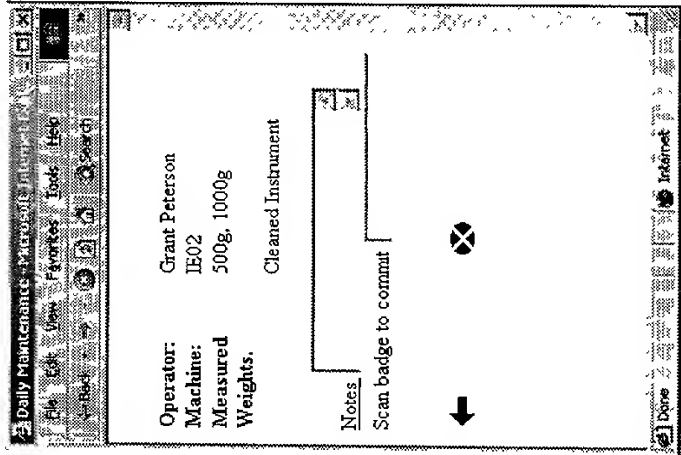


Fig. 100e

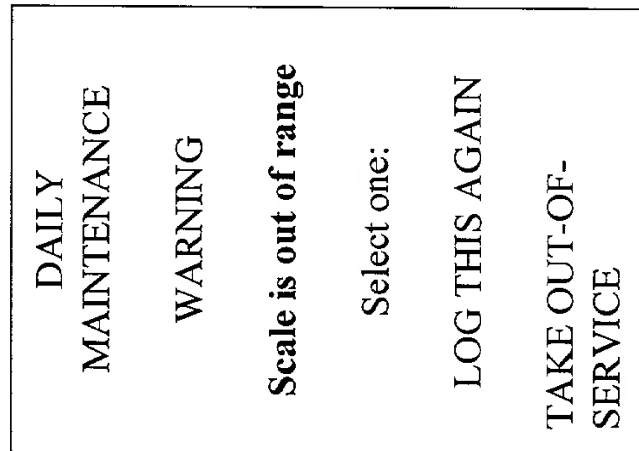


Fig. 100f

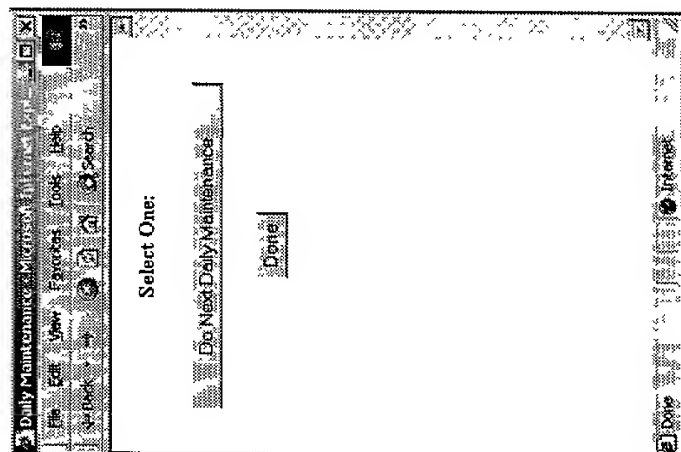


Fig. 101a

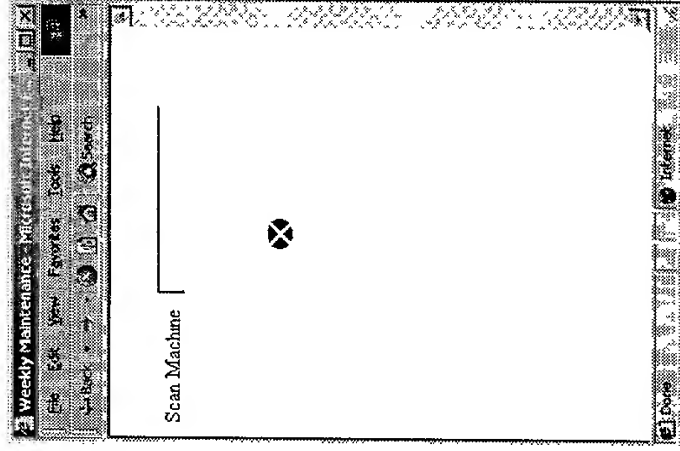


Fig. 101b

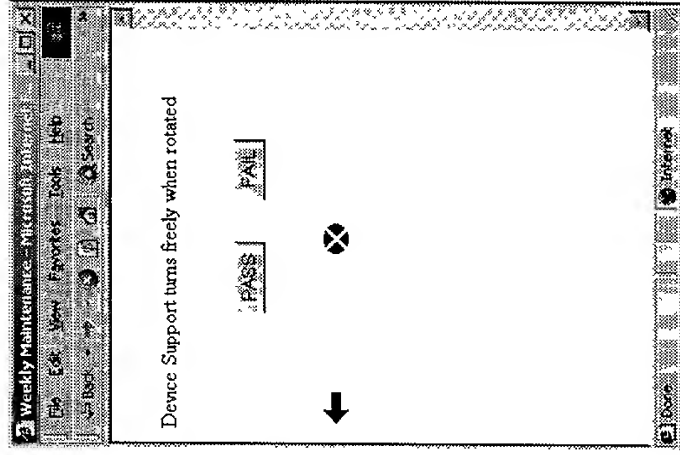


Fig. 101c

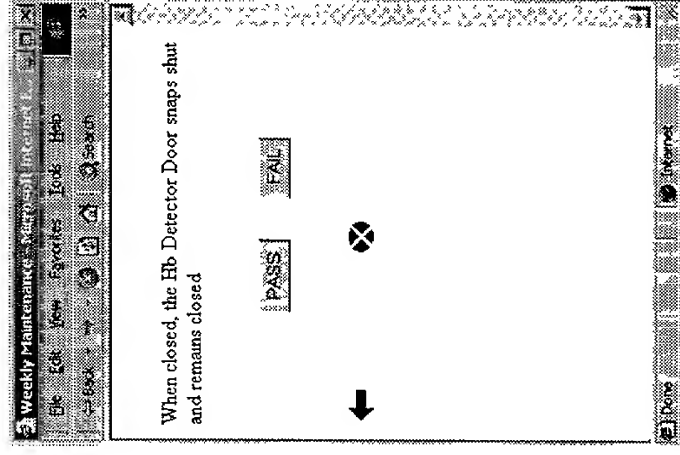


Fig. 101d

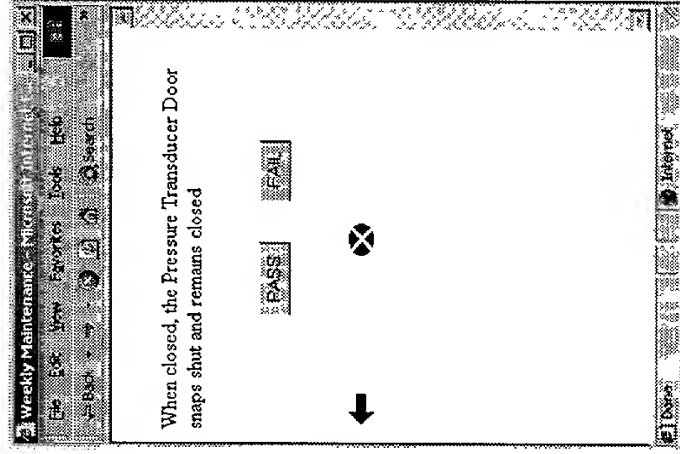


Fig. 101e

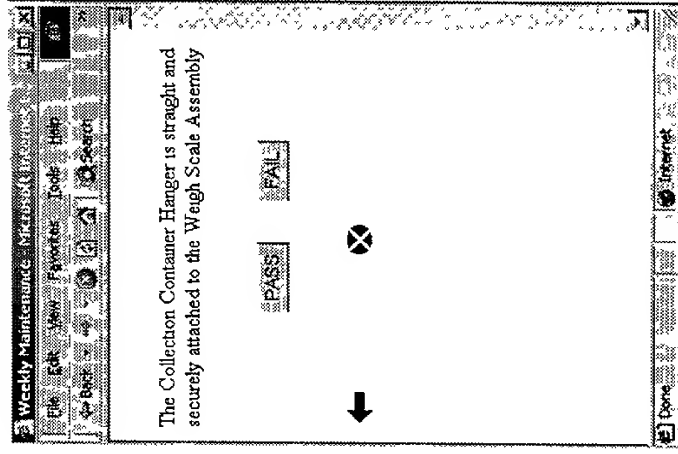


Fig. 101f

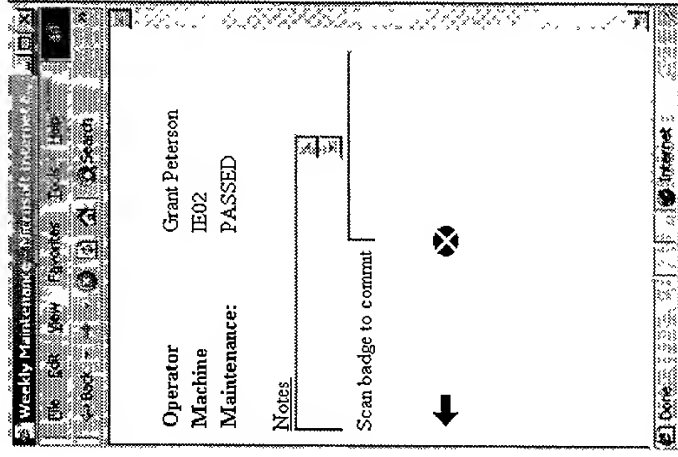


Fig. 101g

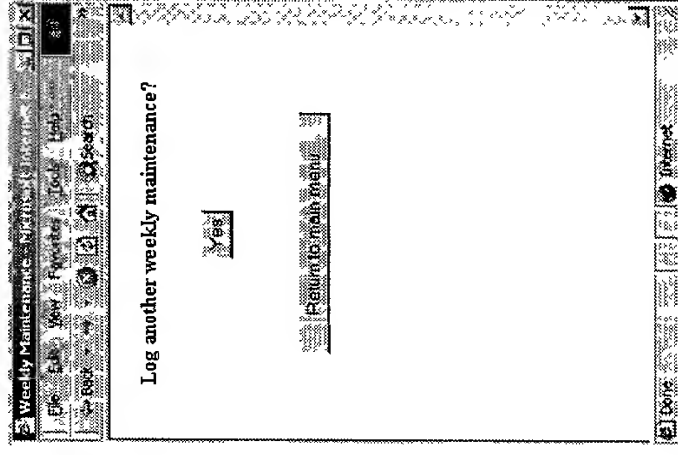


Fig. 101h

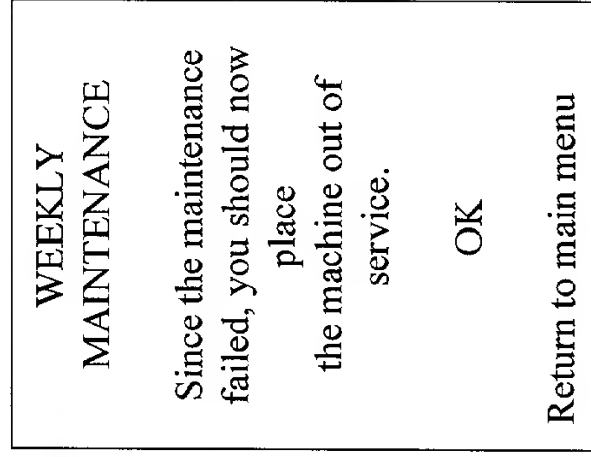


Fig. 102a

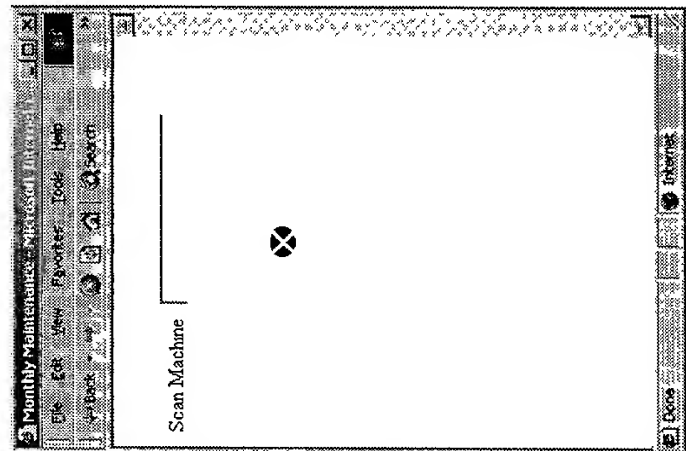


Fig. 102b

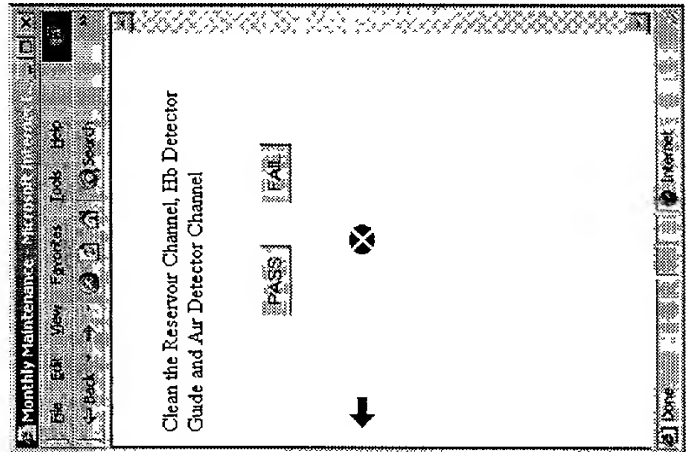


Fig. 102c

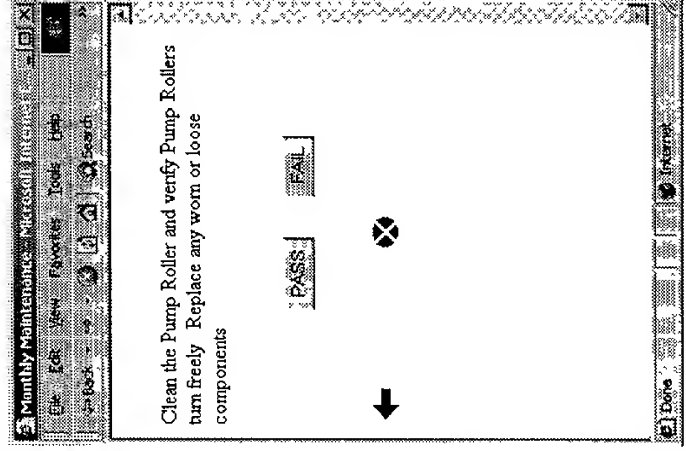


Fig. 102d

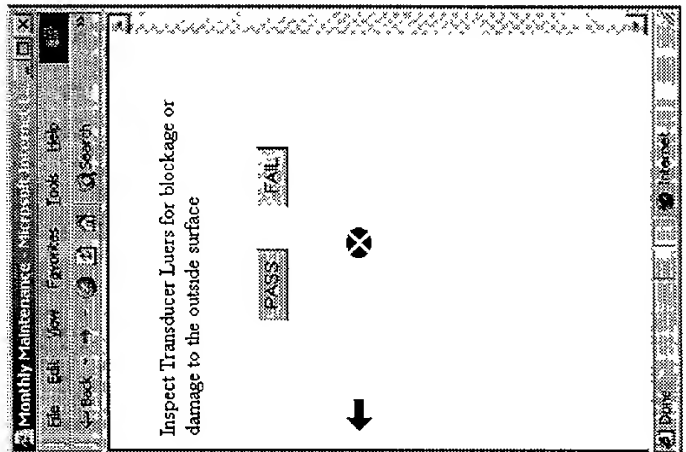


Fig. 102e

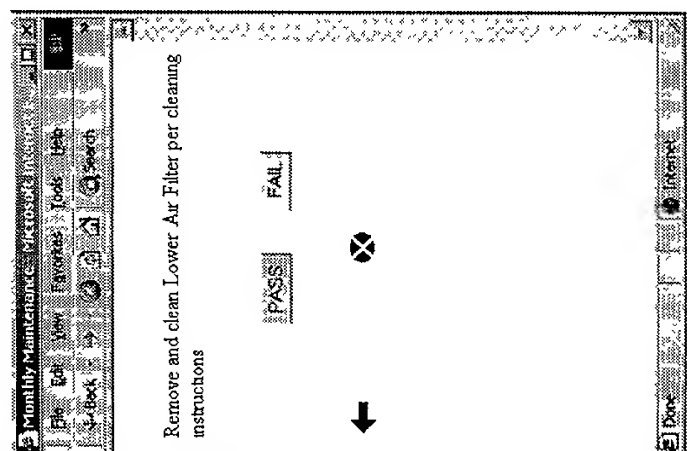


Fig. 102f

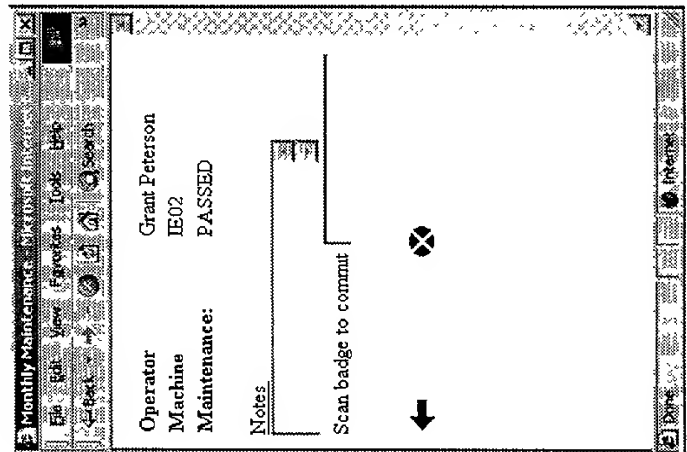


Fig. 102g

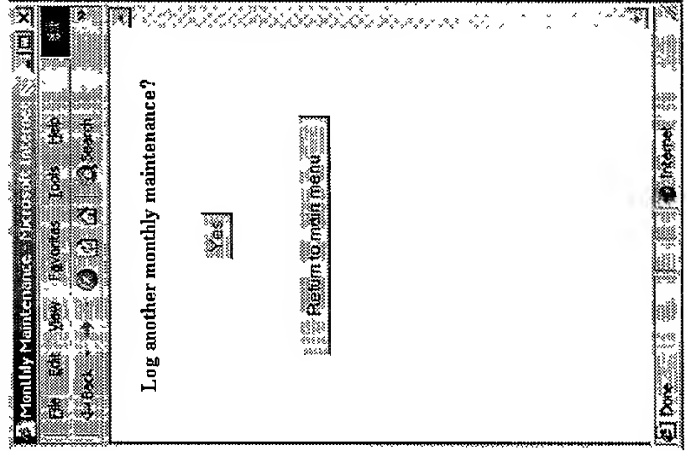


Fig. 102h

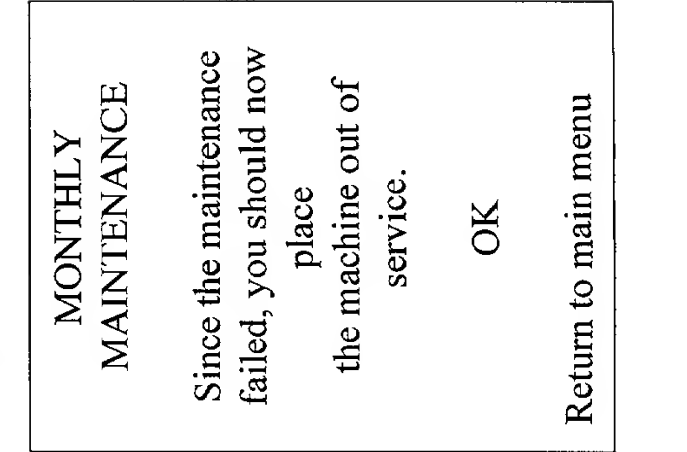


Fig. 103a

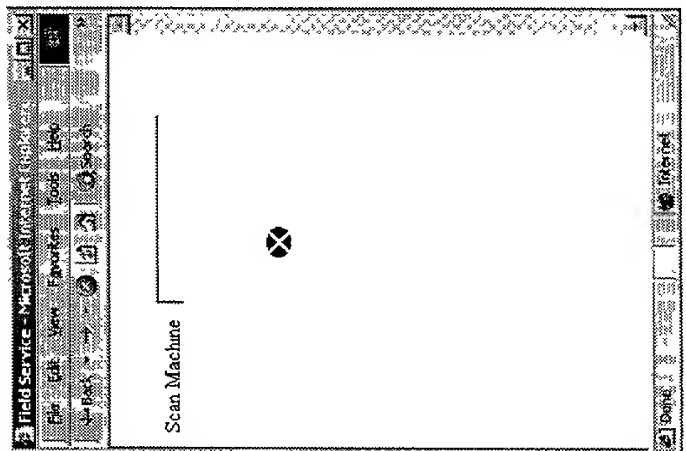


Fig. 103b

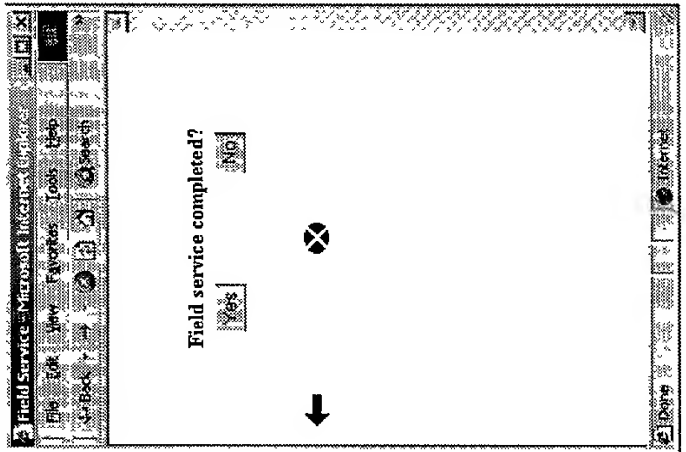


Fig. 103c

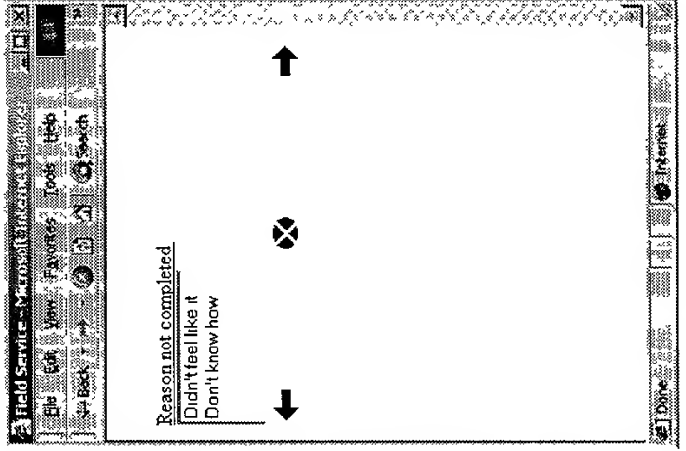


Fig. 103d

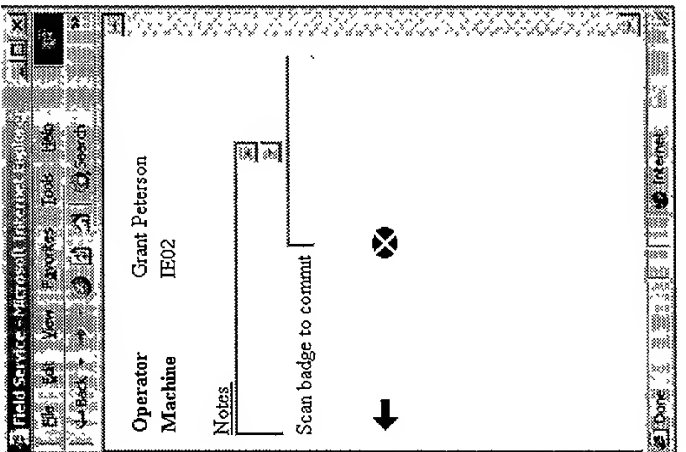


Fig. 104a

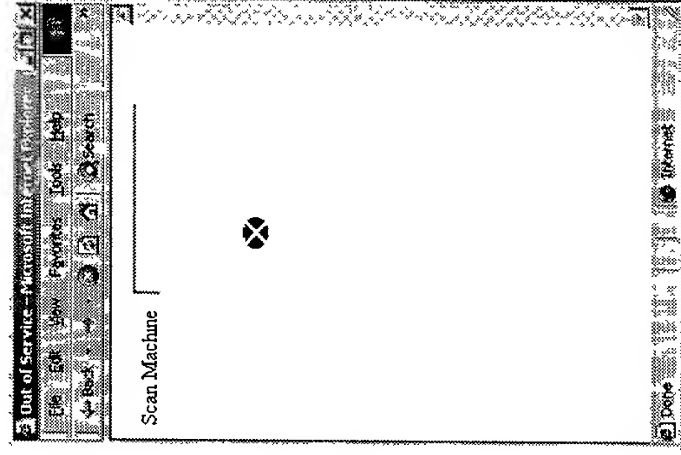


Fig. 104b

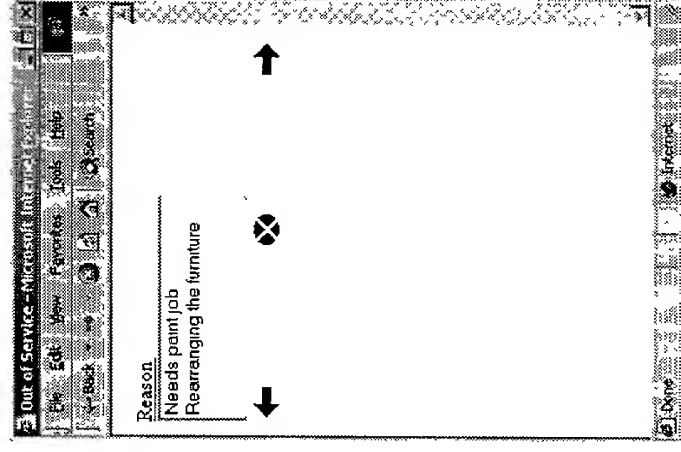


Fig. 104c

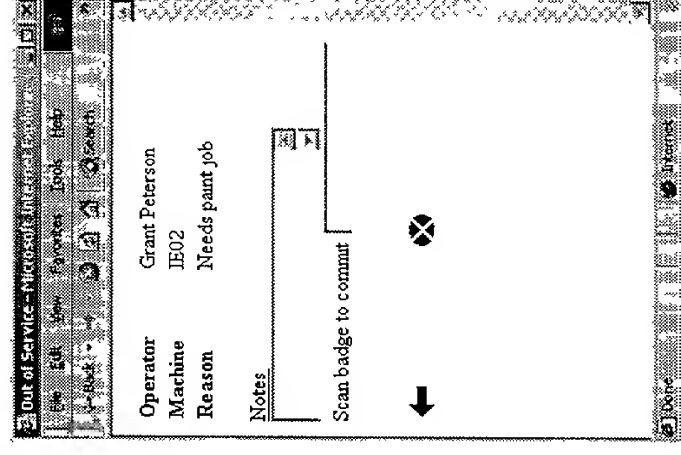


Fig. 105a

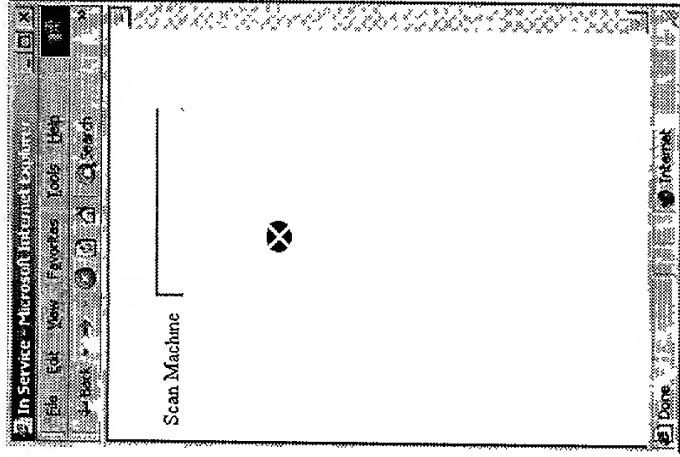


Fig. 105b

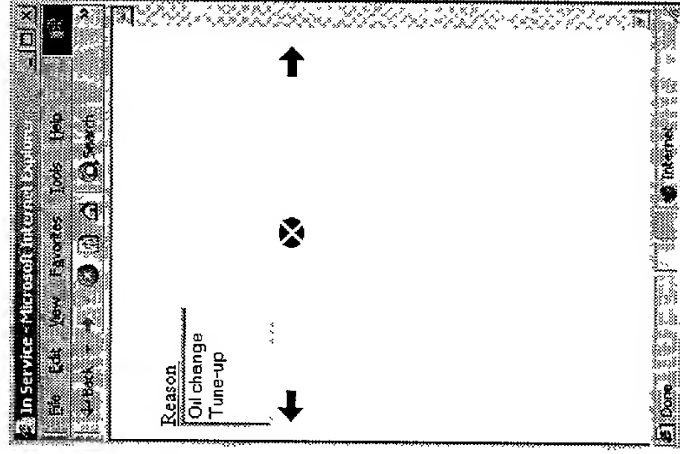


Fig. 105c

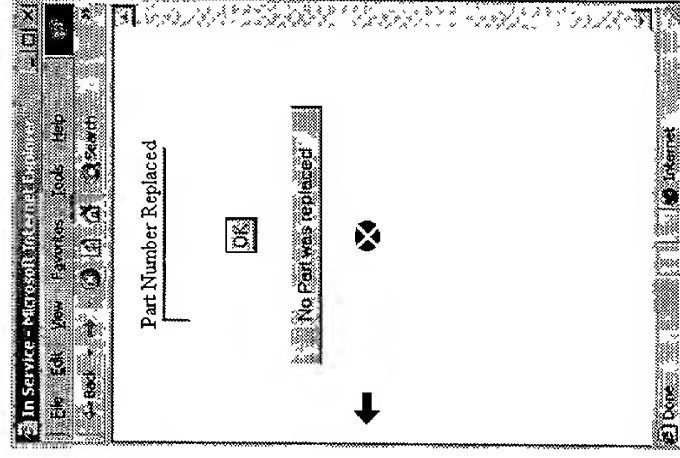


Fig. 105d

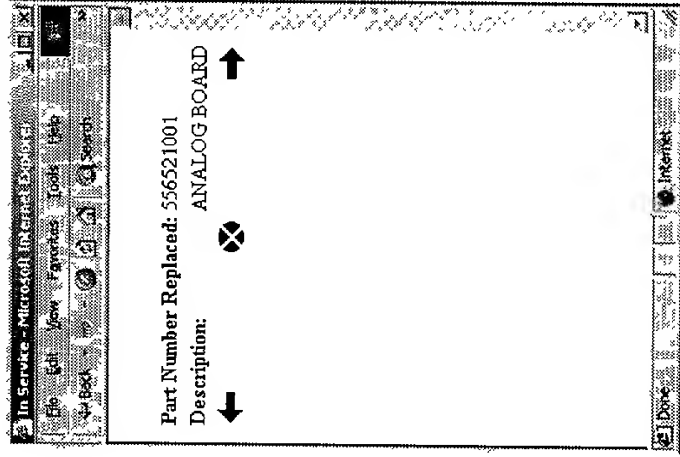


Fig. 105e

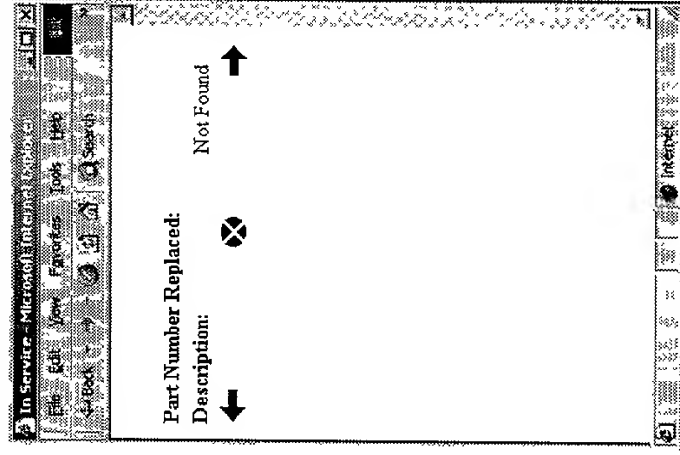


Fig. 105f

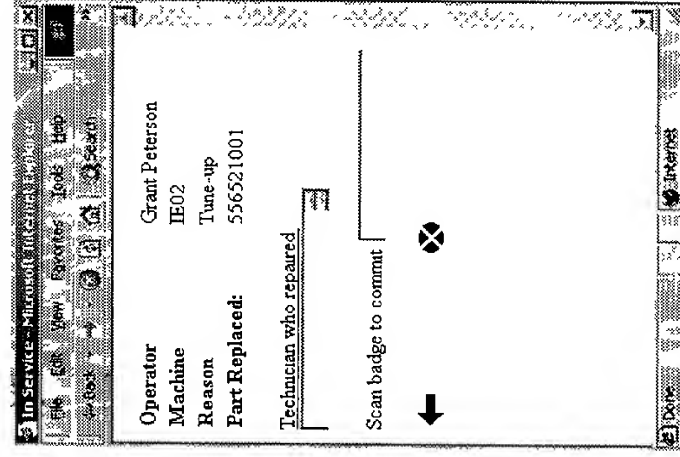


Fig. 106

